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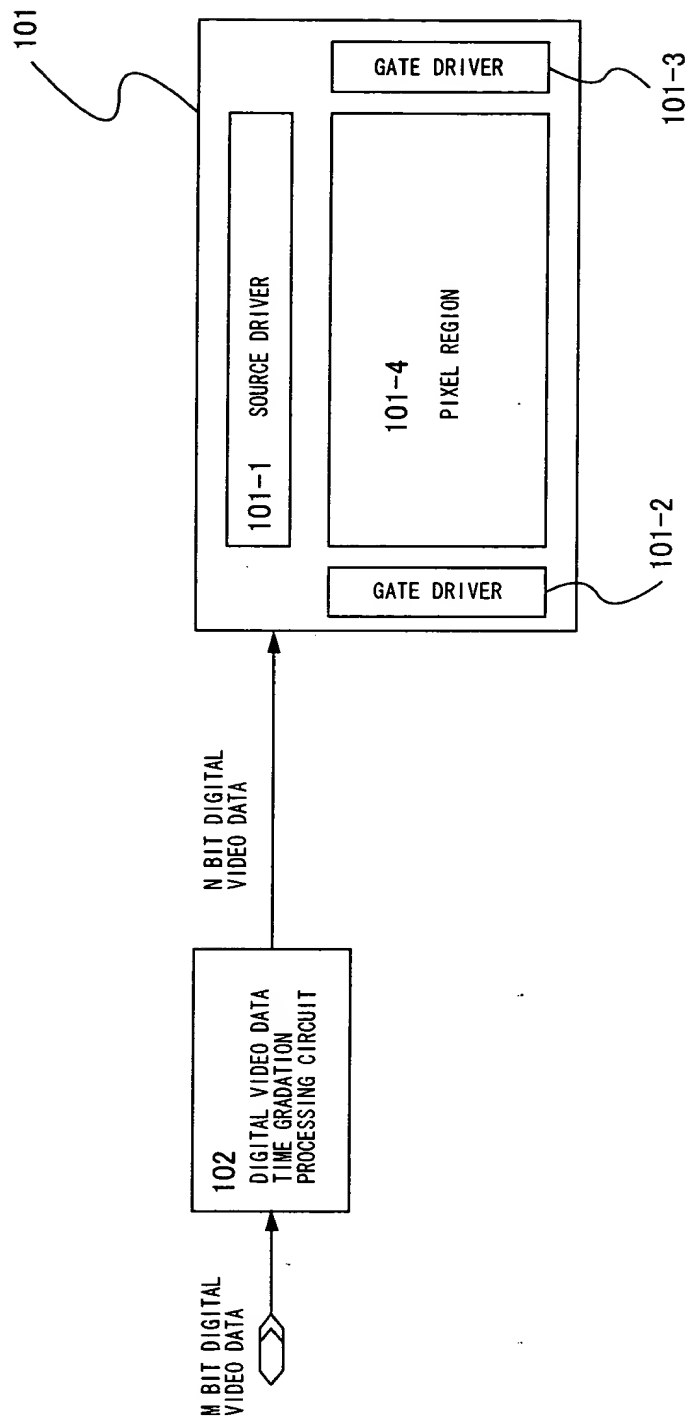
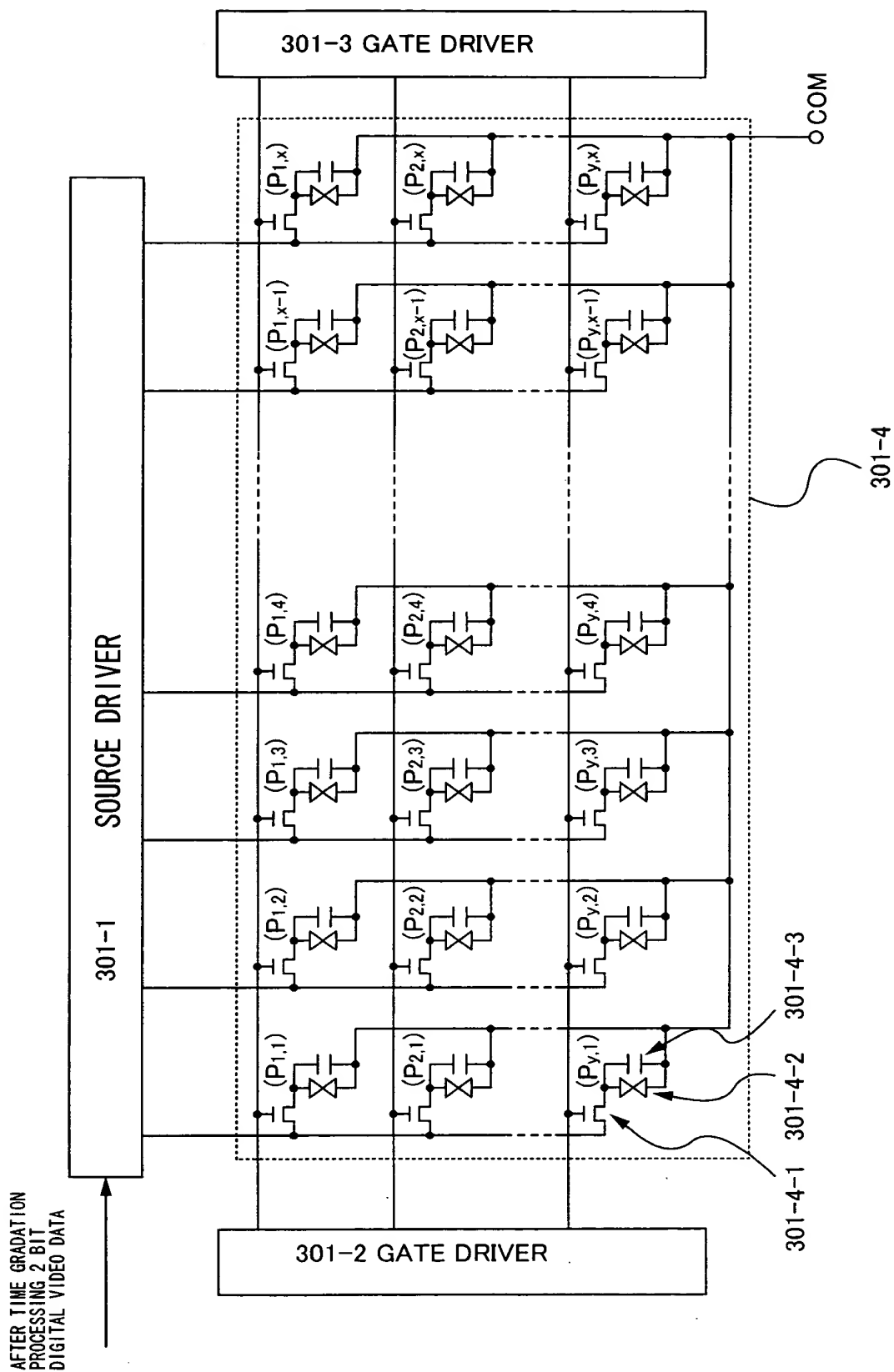


FIG. 1





**Abstract**



**FIG. 4**

DIGITAL VIDEO  
DATA ADDRESS

GRADATION  
VOLTAGE LEVEL

GRADATION  
DISPLAY LEVEL  
COMBINED WITH  
TIME GRADATION

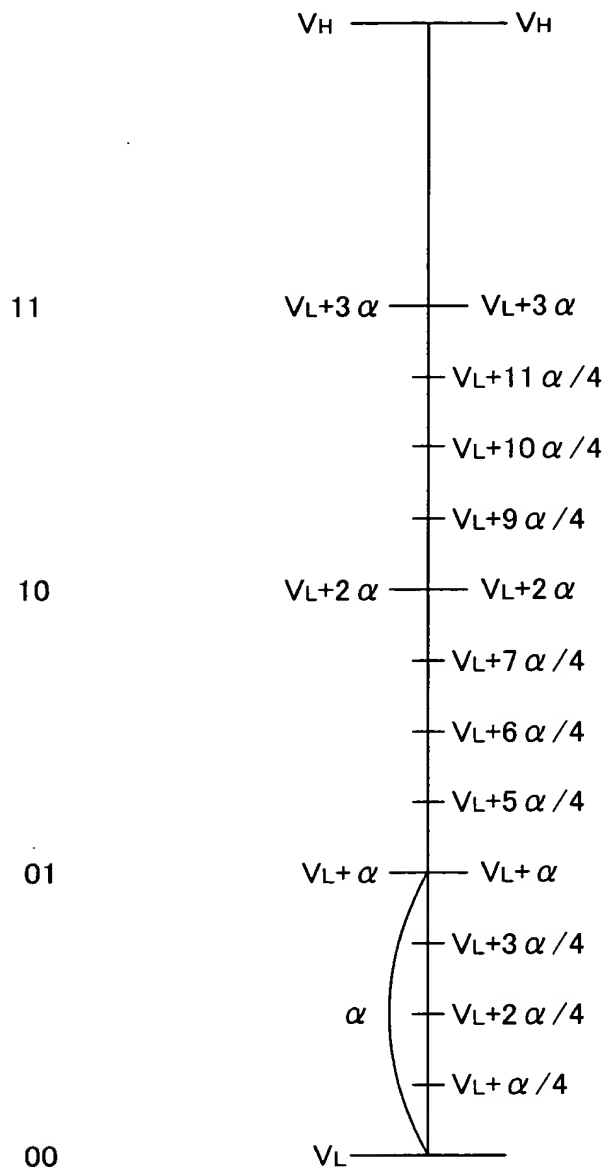


FIG. 5



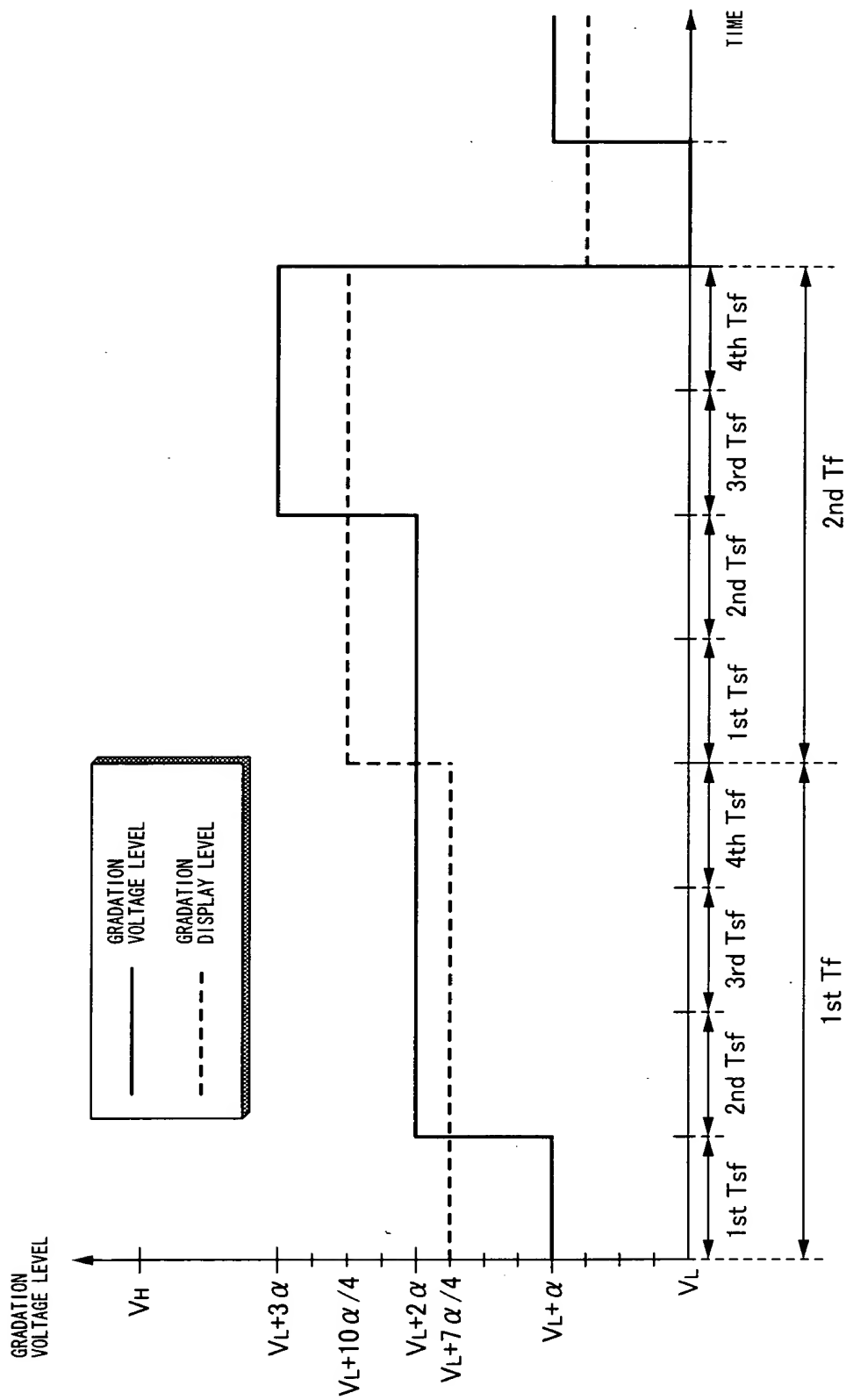


FIG. 7

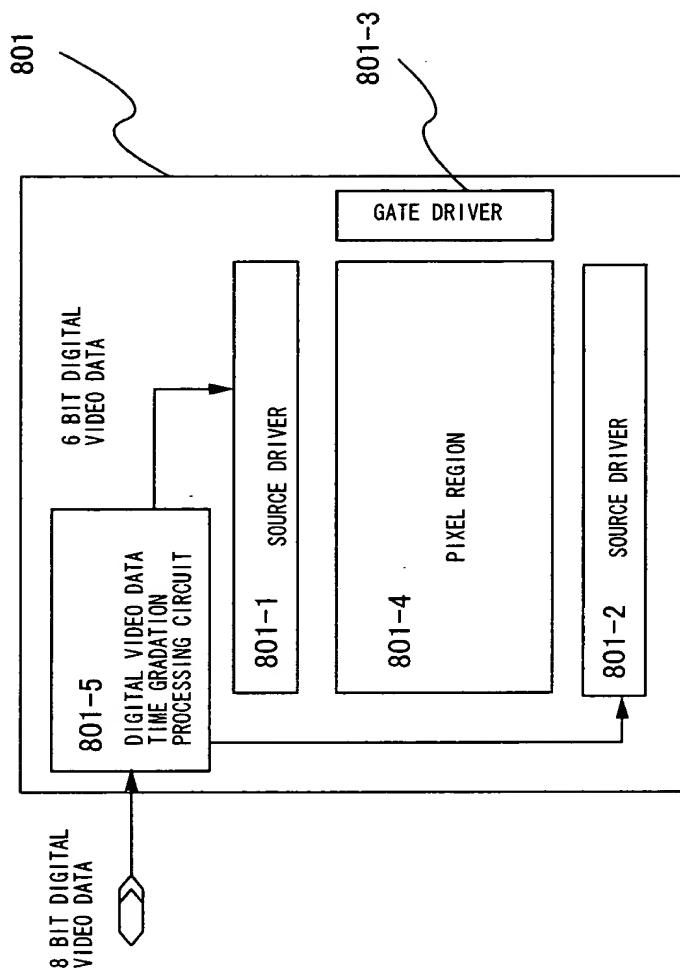


FIG. 8



## 6 BIT DIGITAL VIDEO DATA

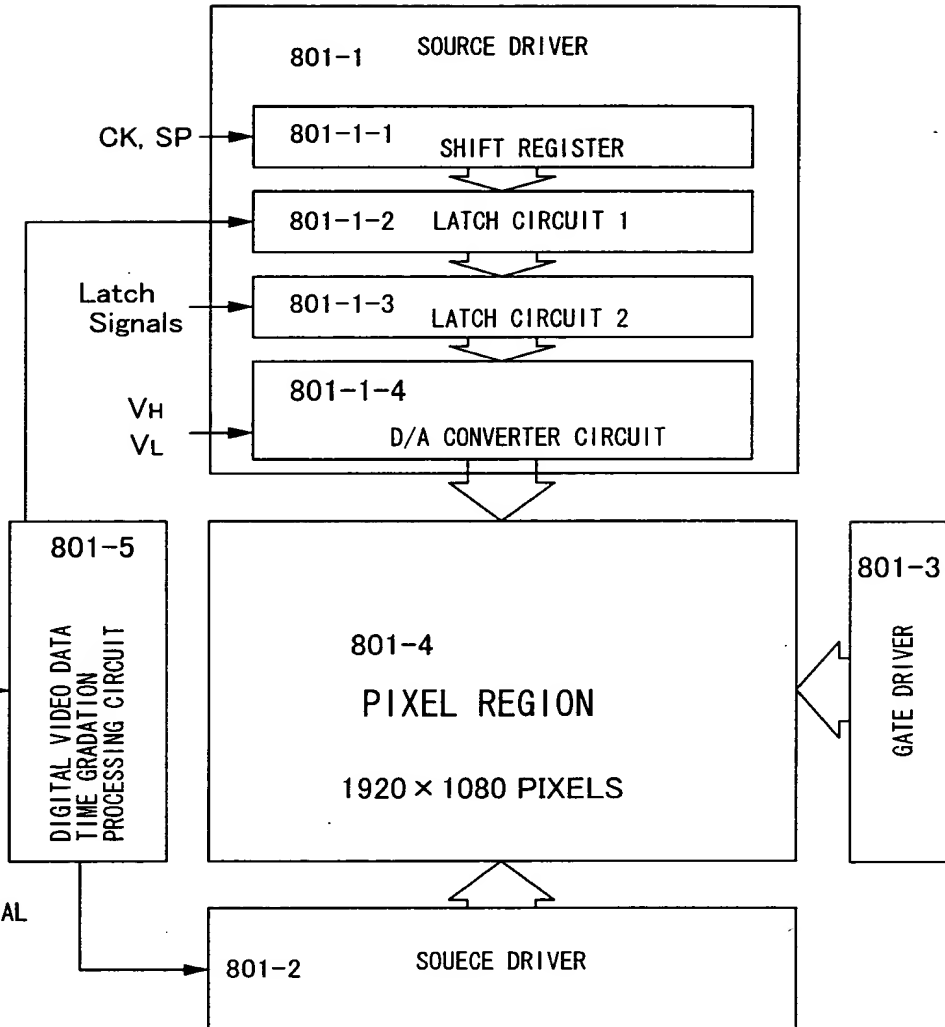


FIG. 9

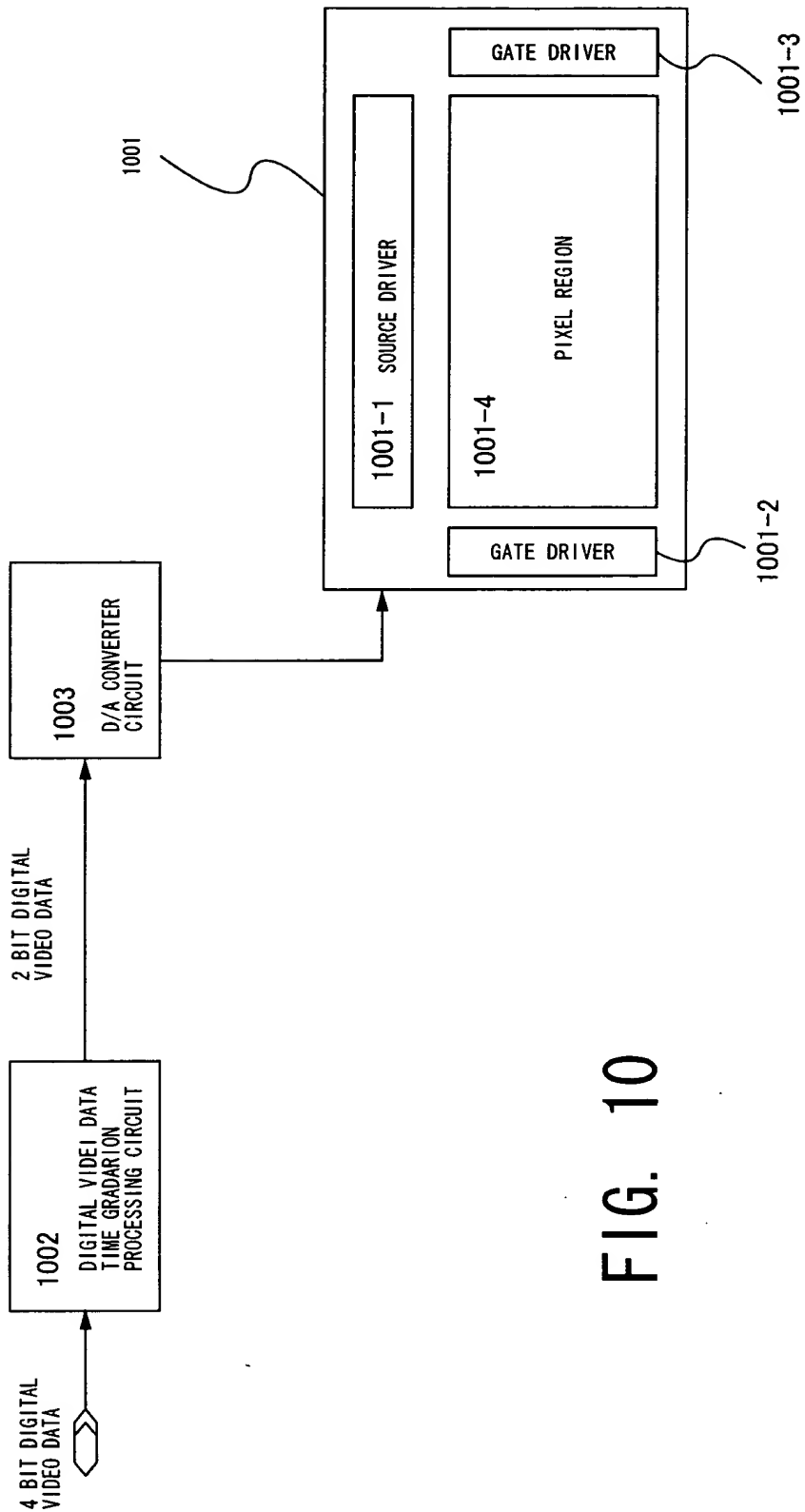


FIG. 10

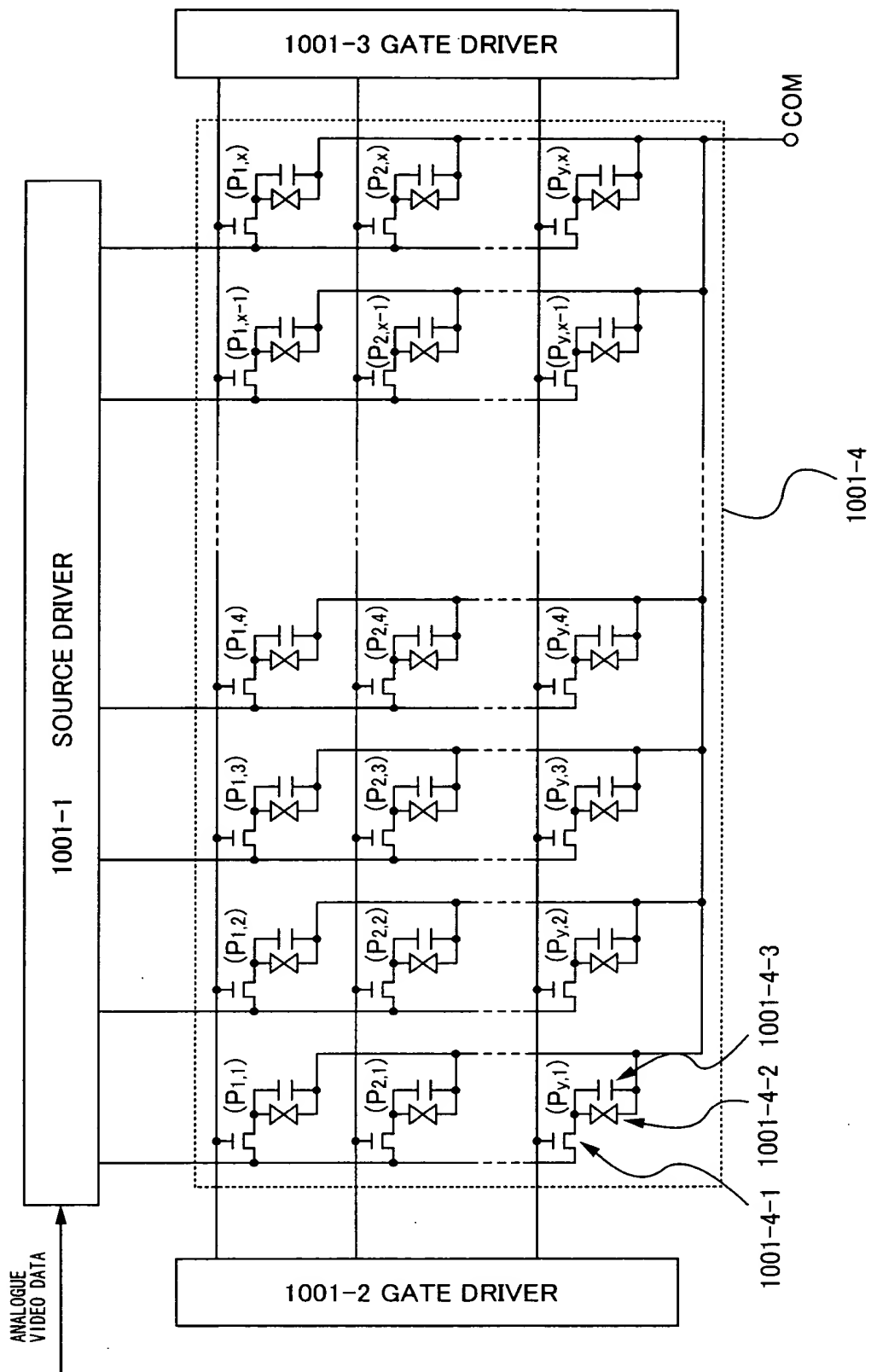


FIG. 11

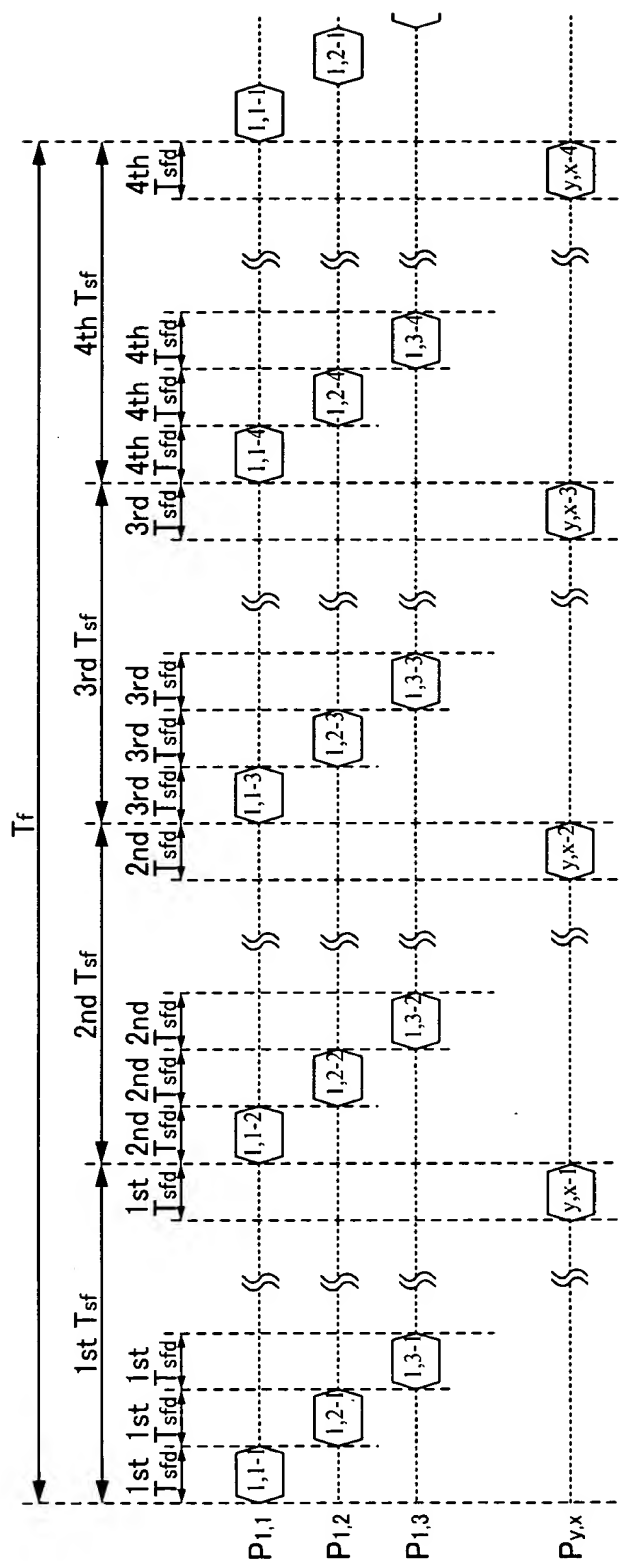


FIG. 12

FIG. 13A

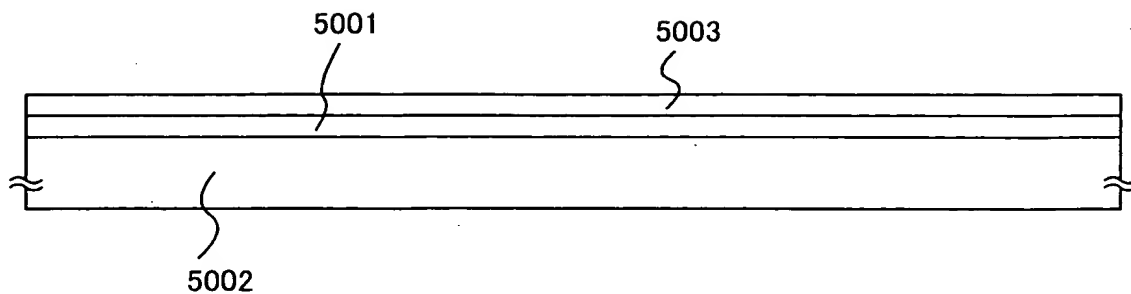


FIG. 13B

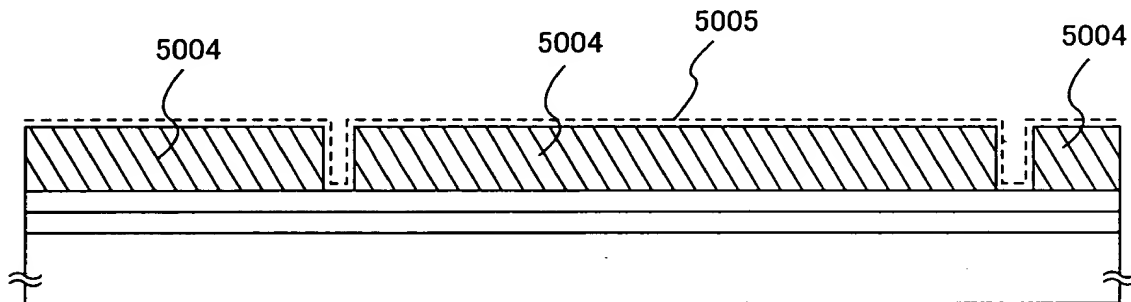


FIG. 13C

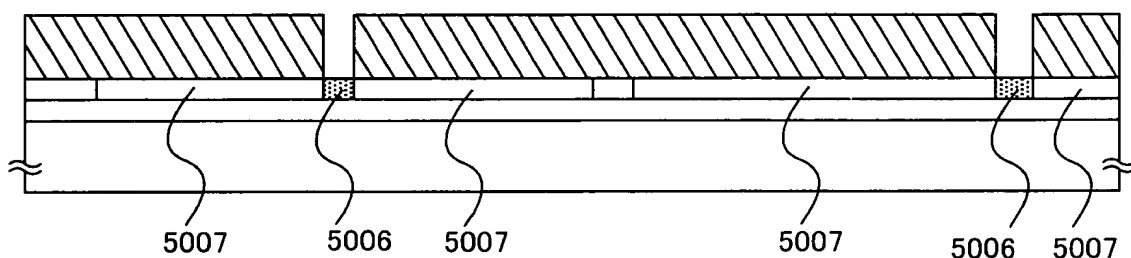


FIG. 13D

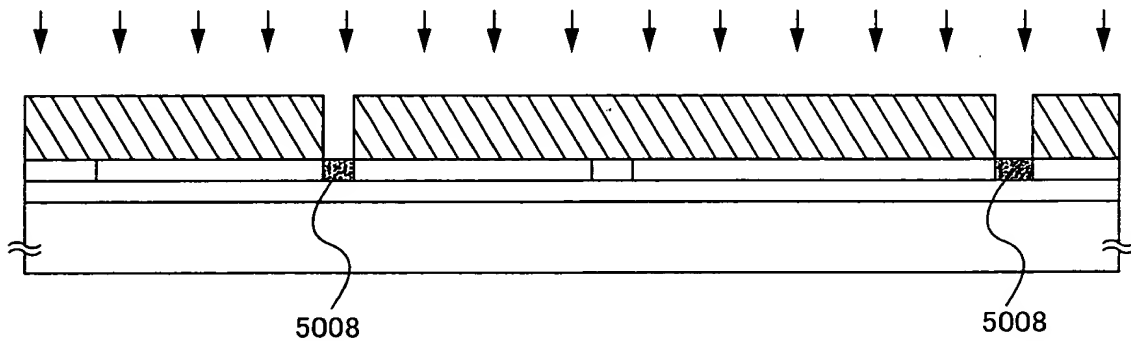
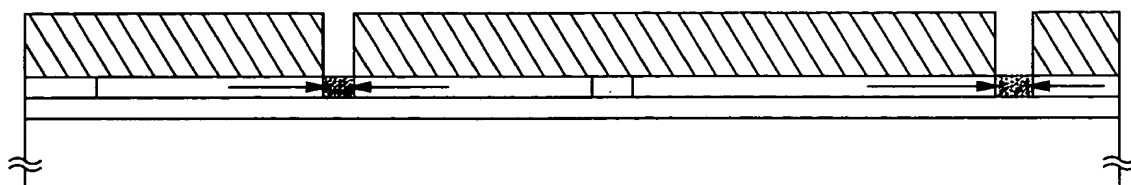


FIG. 13E



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FIG. 14A

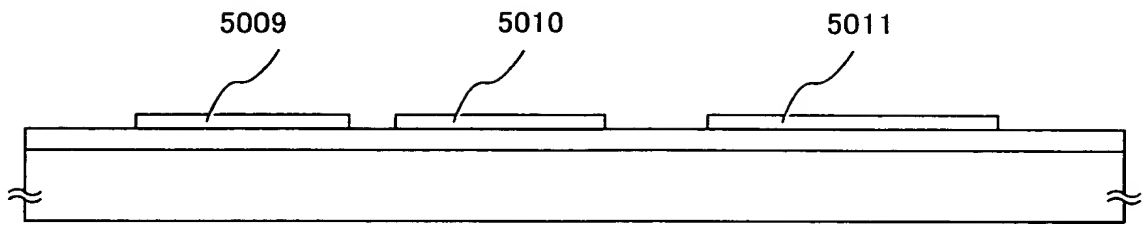


FIG. 14B

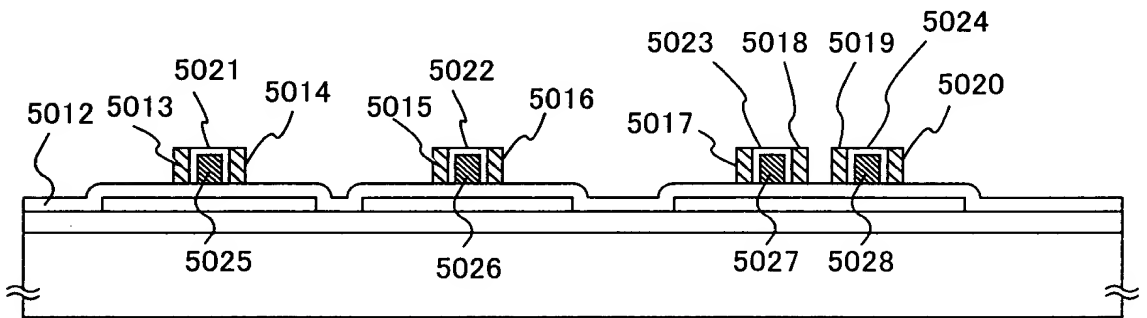
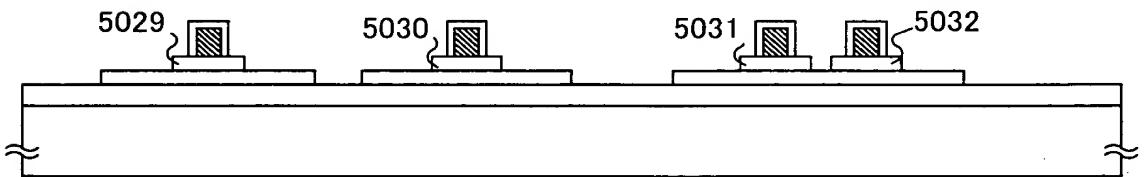


FIG. 14C



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FIG. 15A

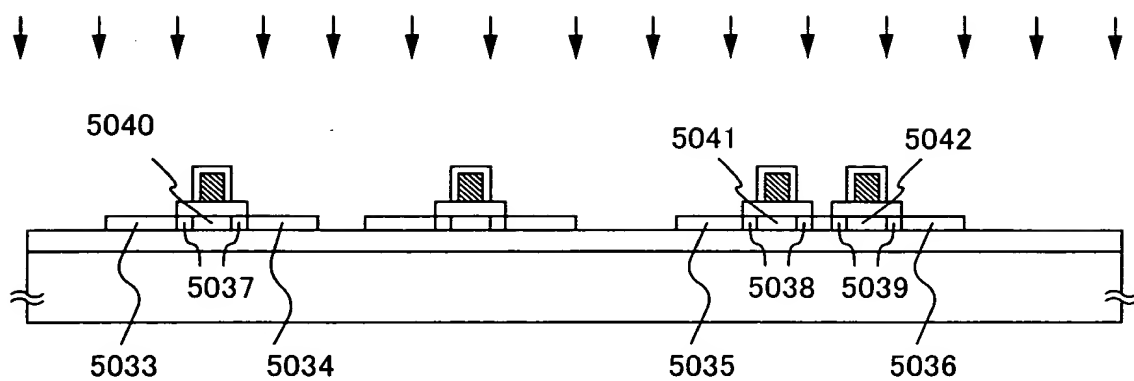


FIG. 15B

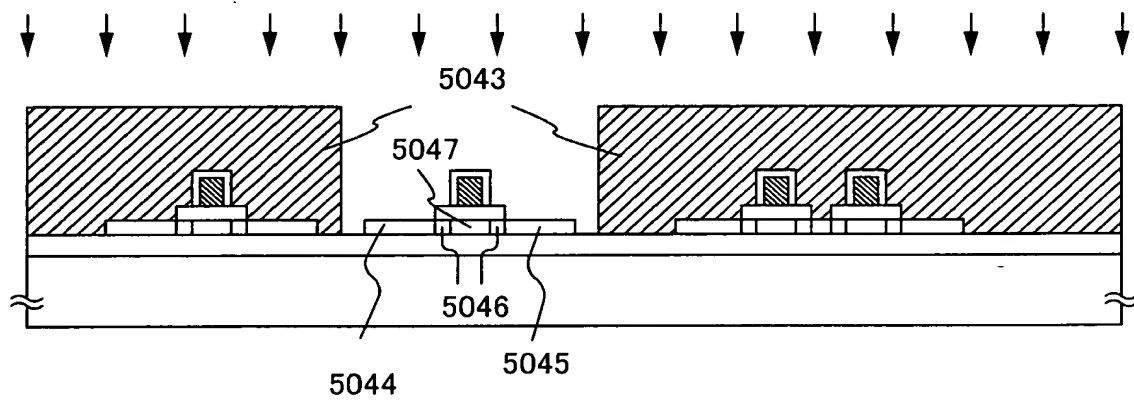


FIG. 15C

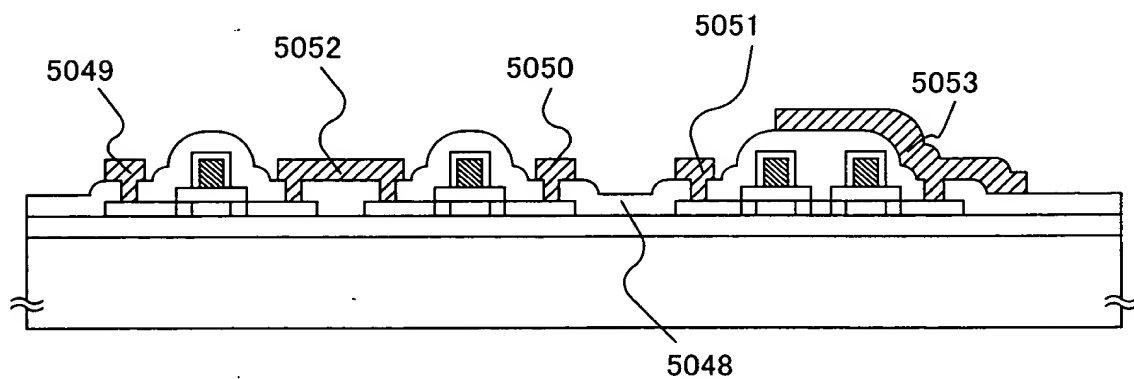


FIG. 16A

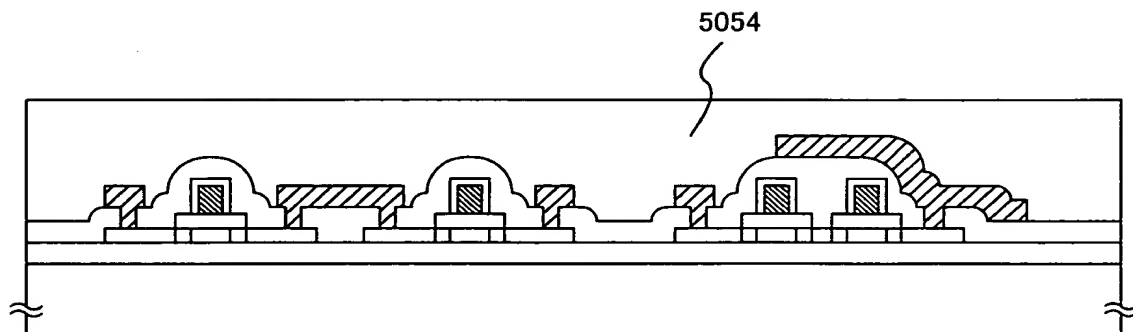


FIG. 16B

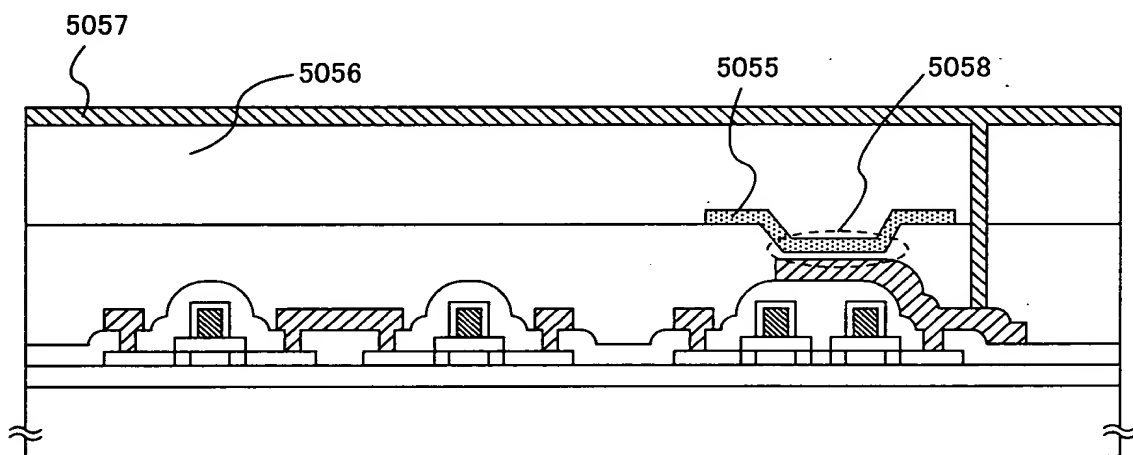
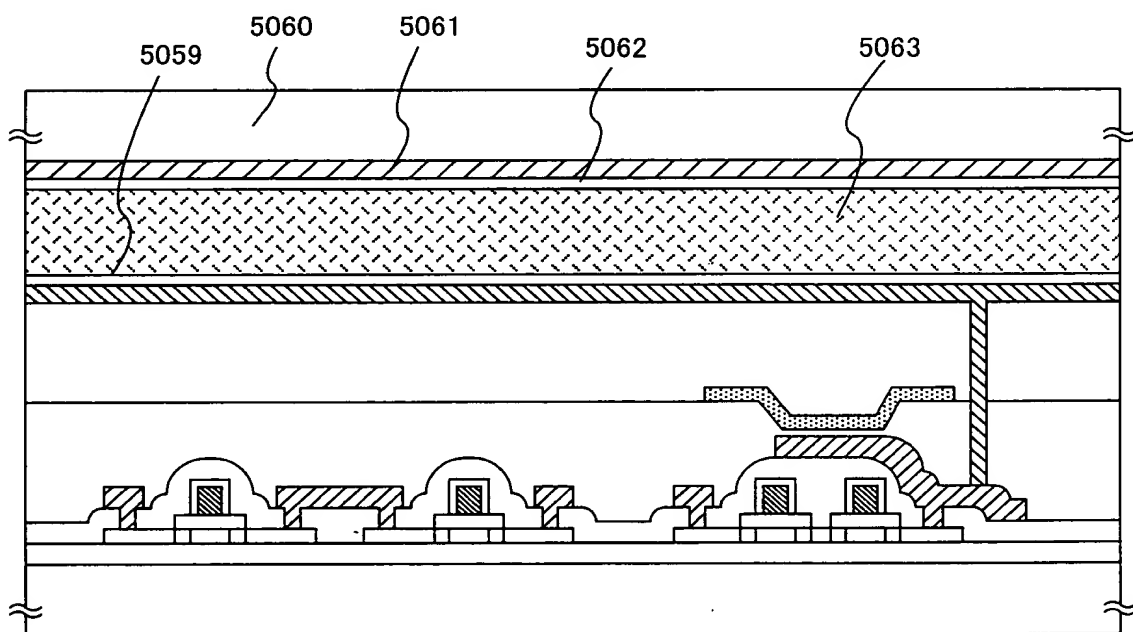


FIG. 16C





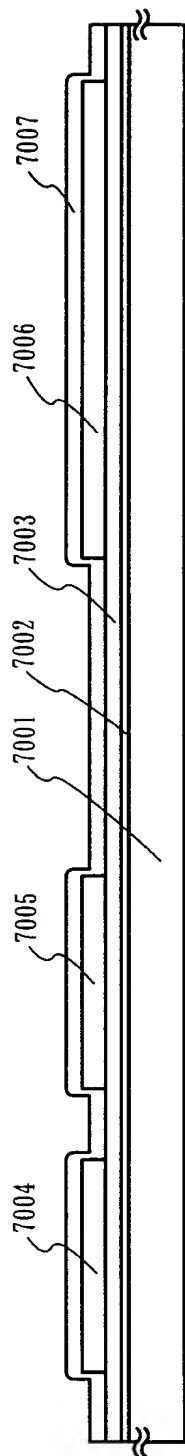


FIG. 17A

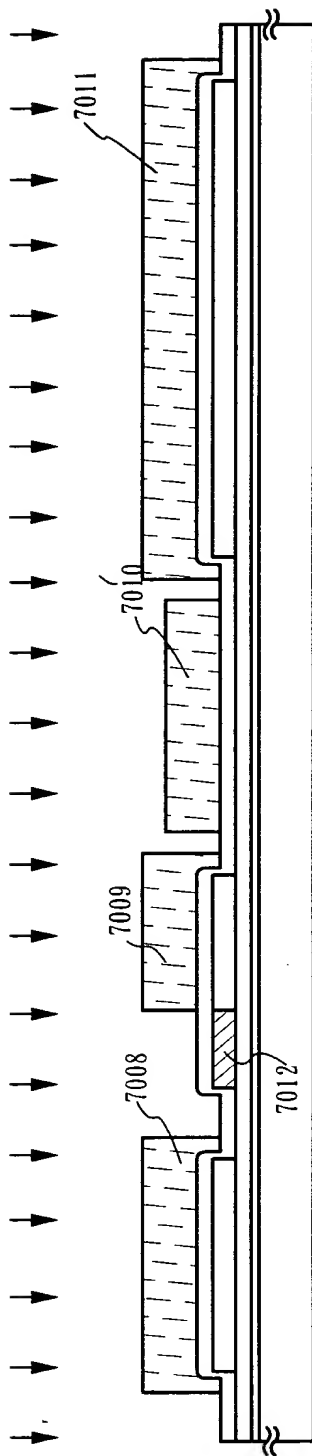


FIG. 17B

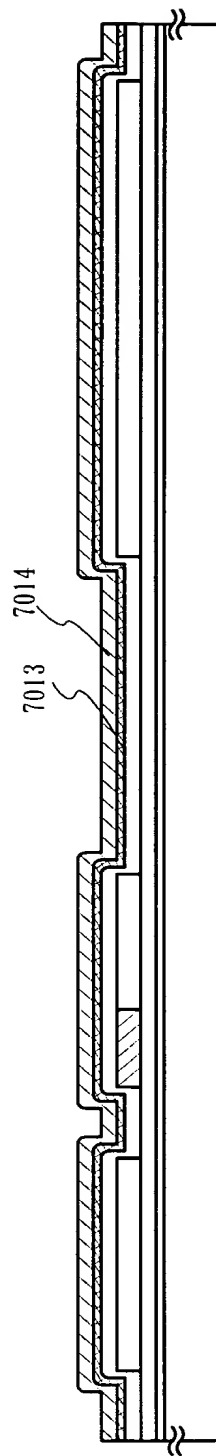


FIG. 17C

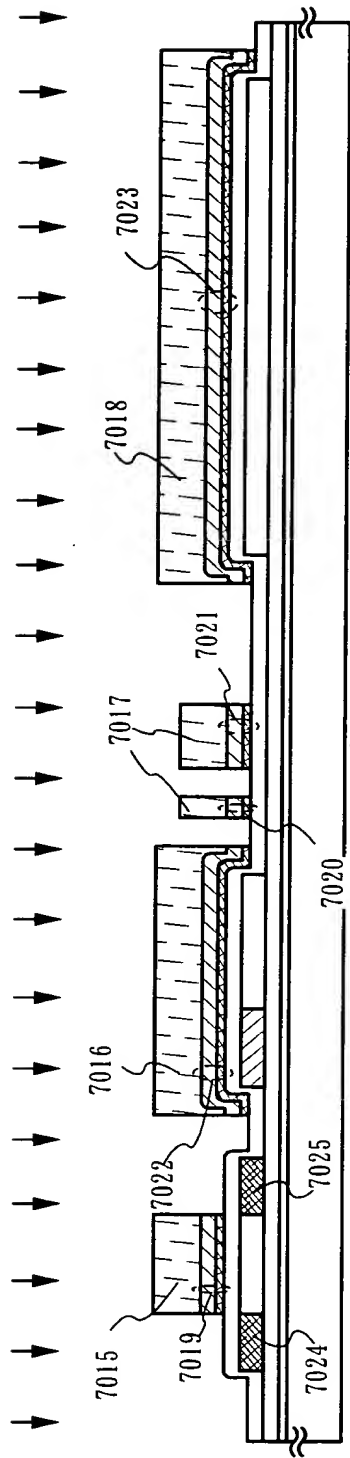


FIG. 18A

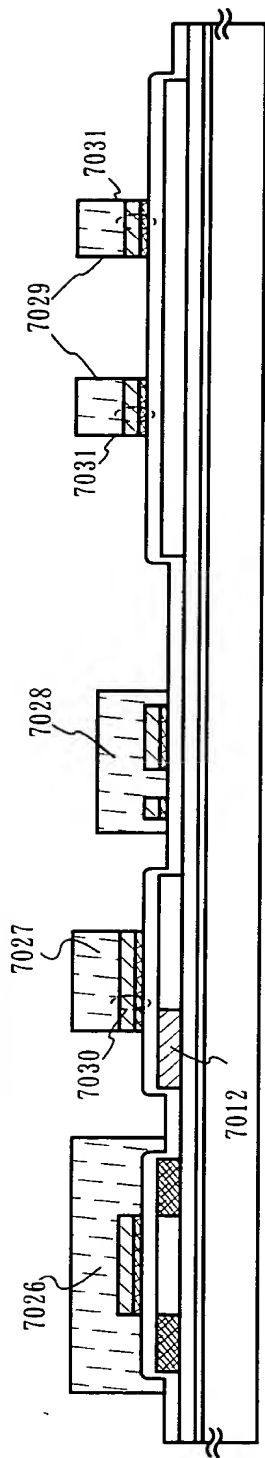


FIG. 18B

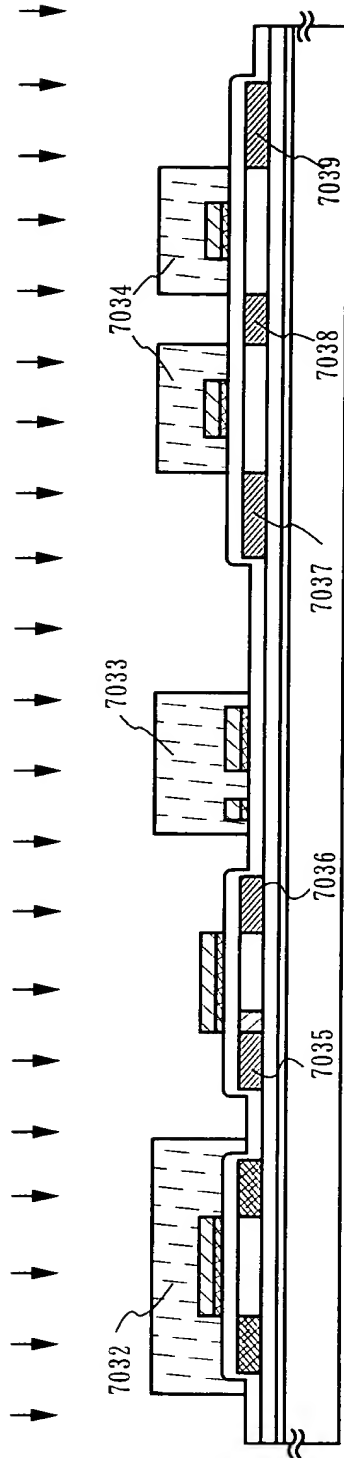


FIG. 18C

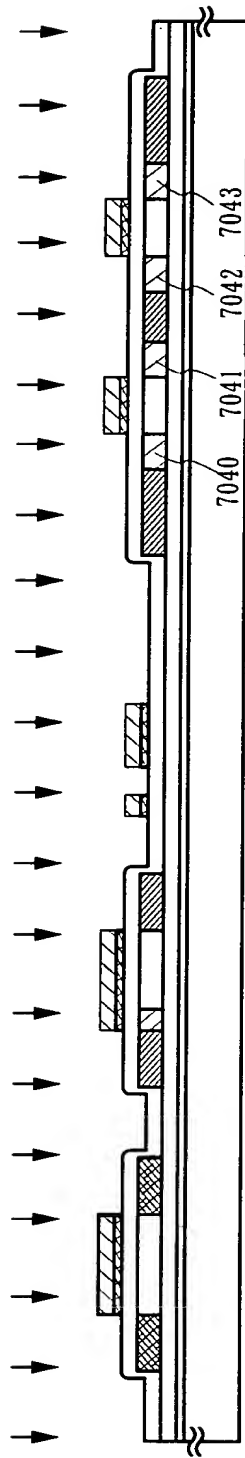


FIG. 19A

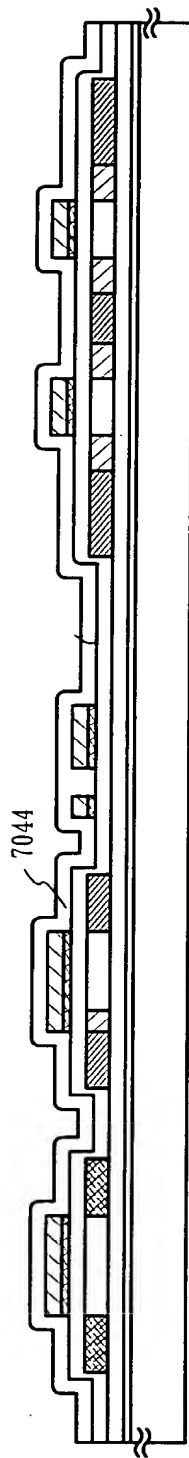


FIG. 19B

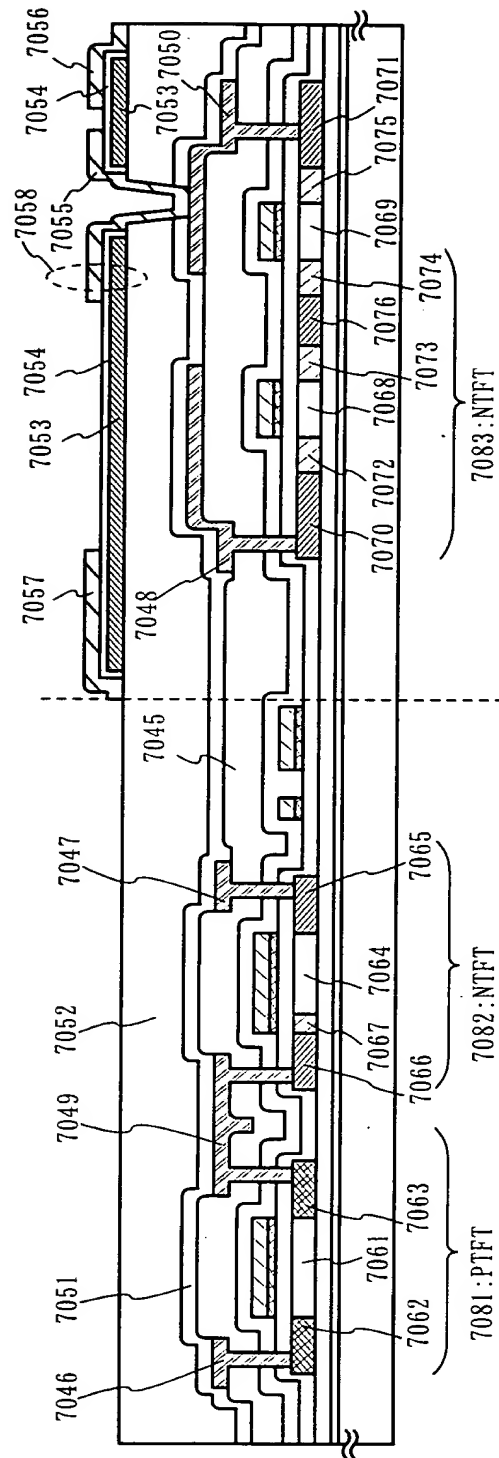


FIG. 19C

PIXEL REGION

CMOS CIRCUIT

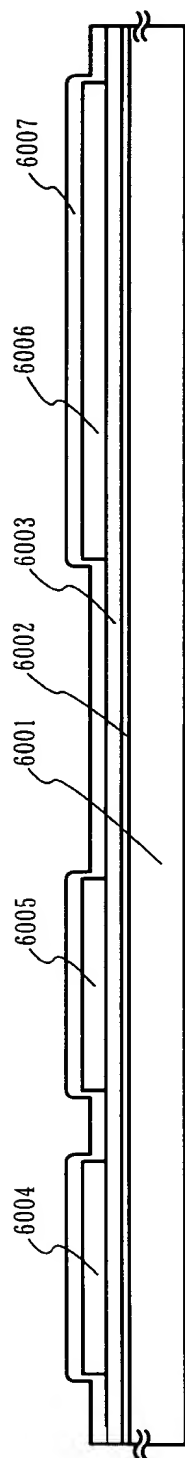


FIG. 20A

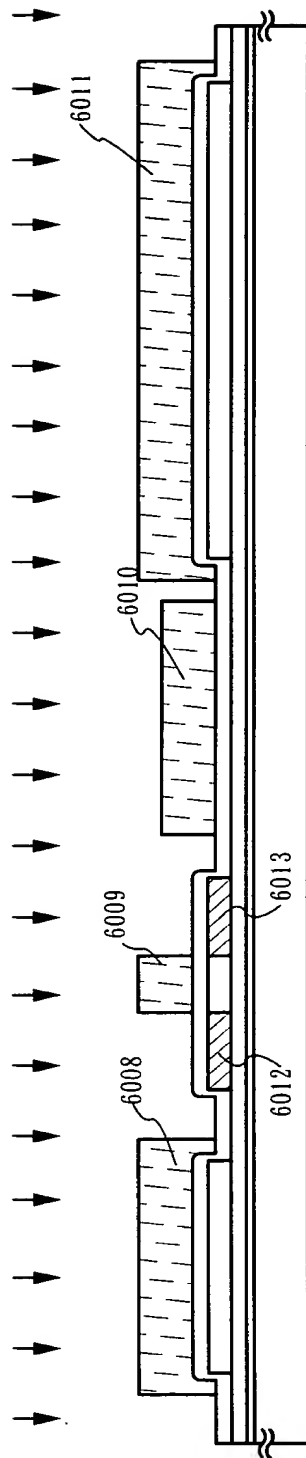


FIG. 20B

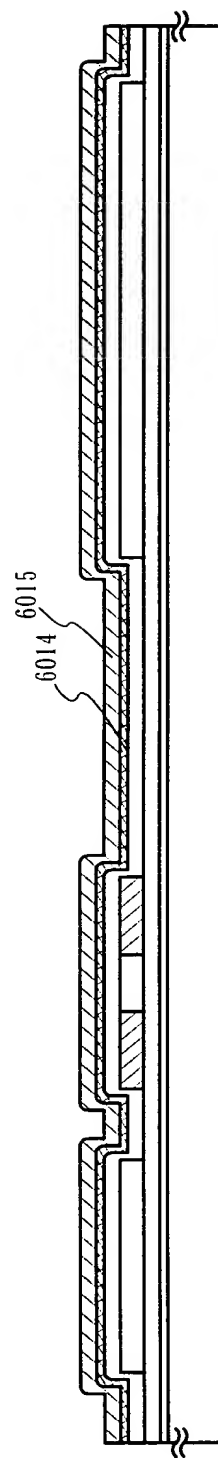


FIG. 20C

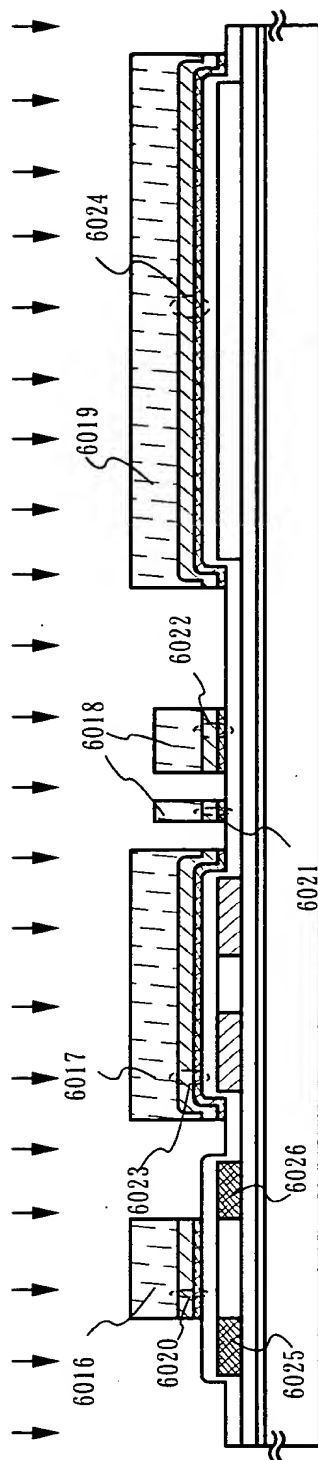


FIG. 21A

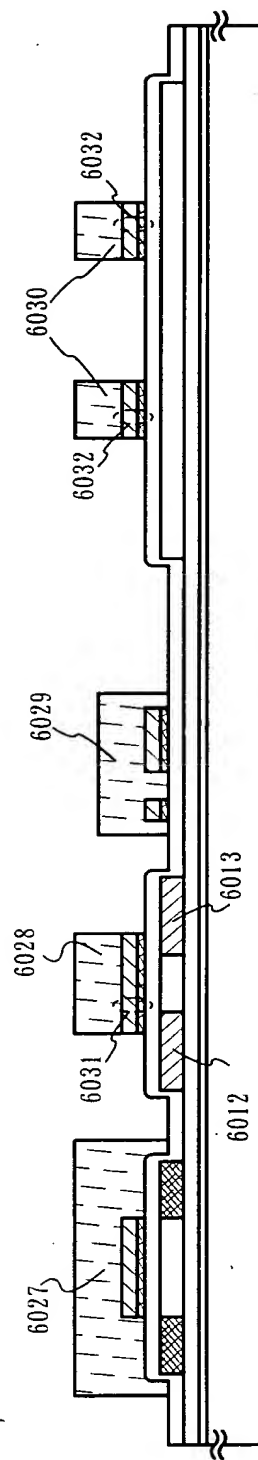


FIG. 21B

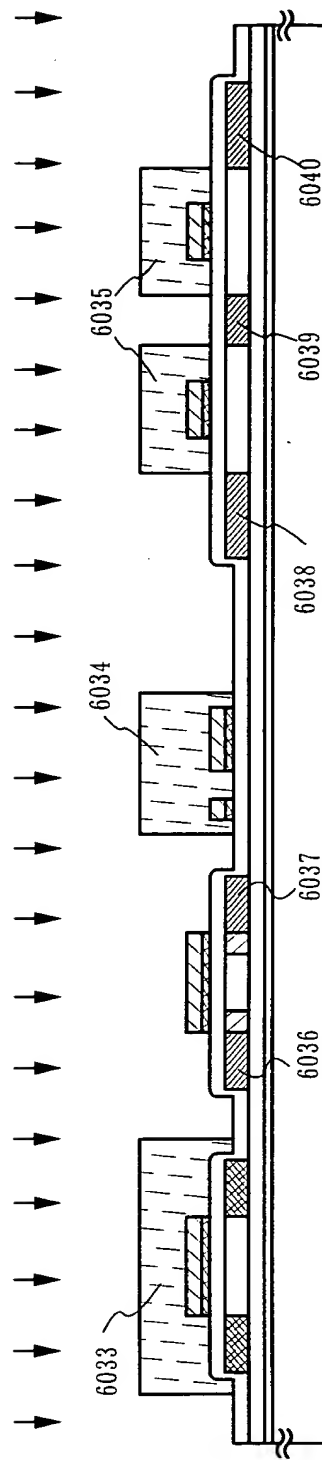
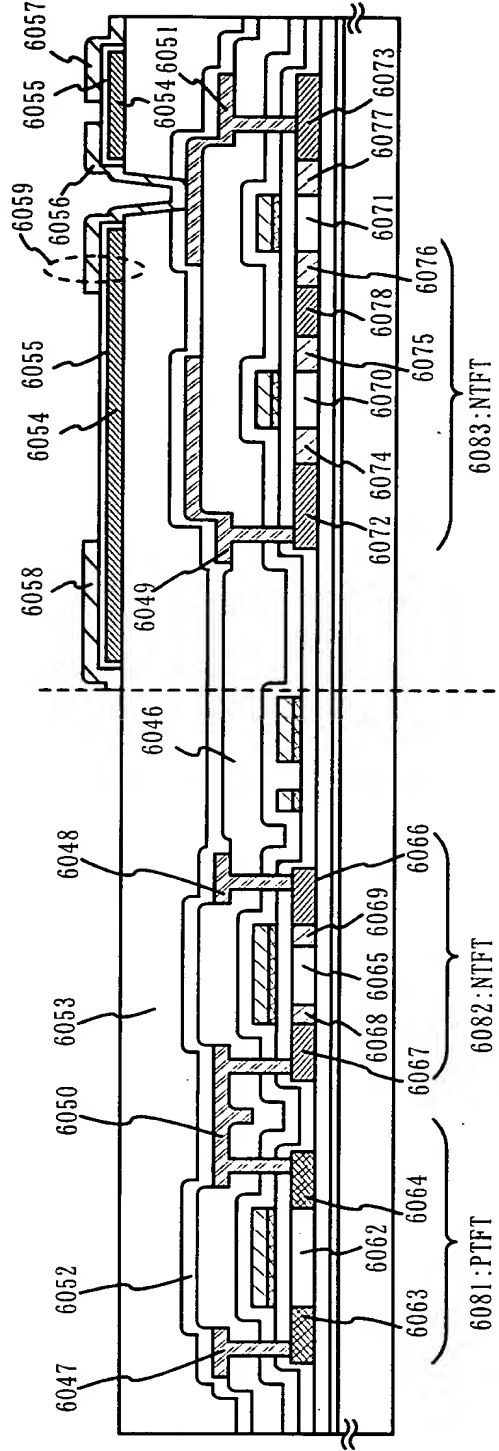
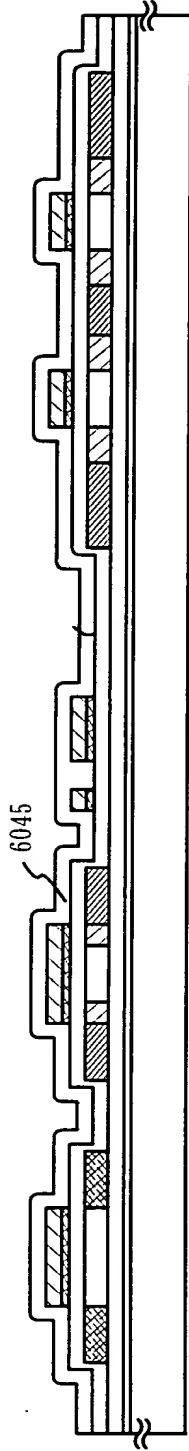
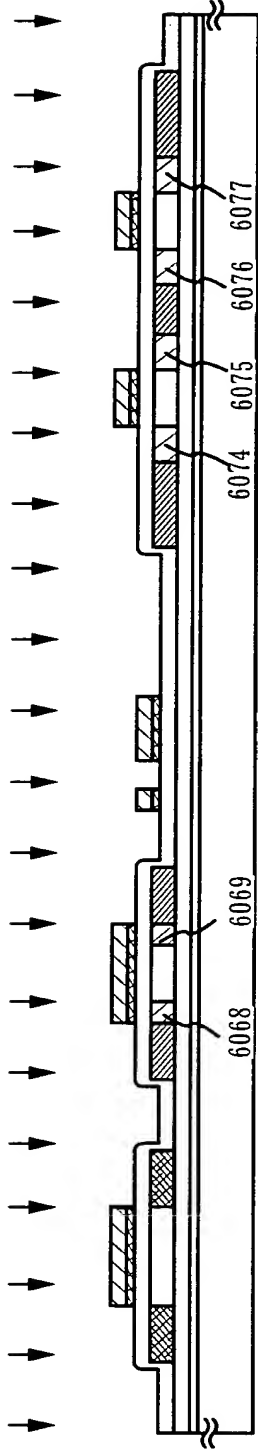


FIG. 21C



CMOS CIRCUIT

PIXEL REGION

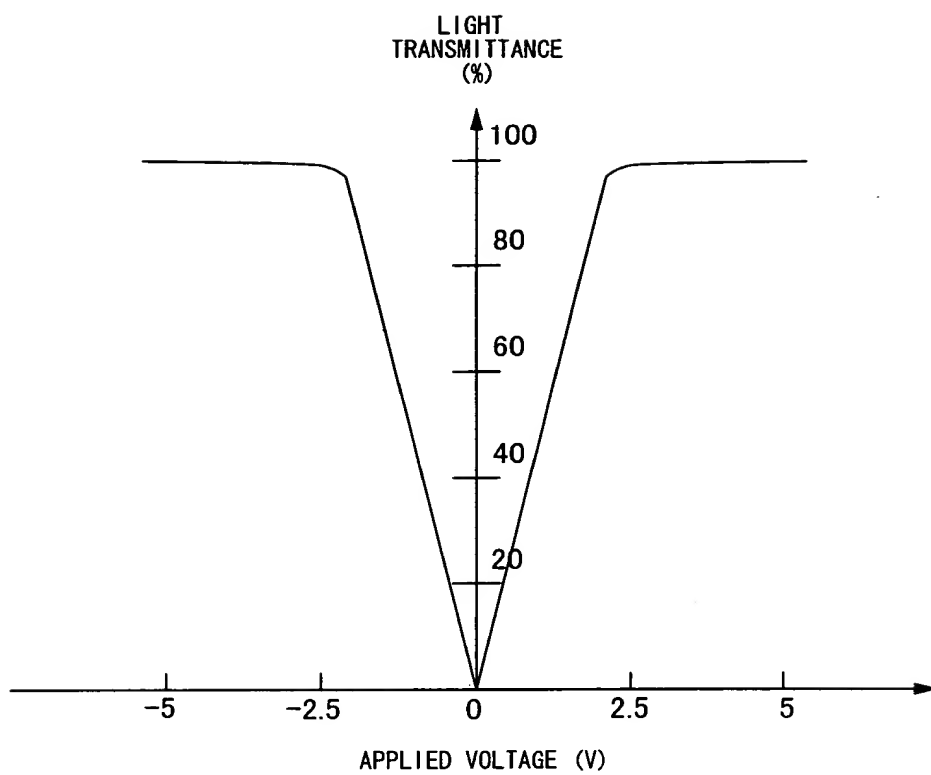


FIG. 23





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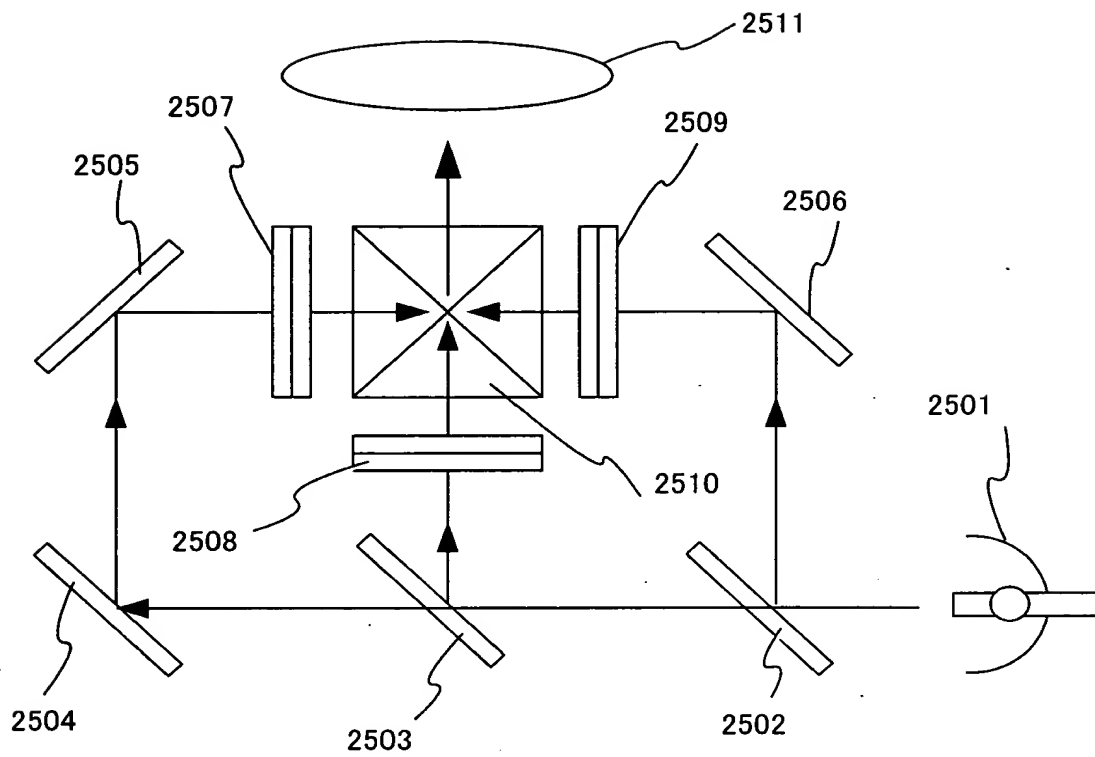


FIG. 25

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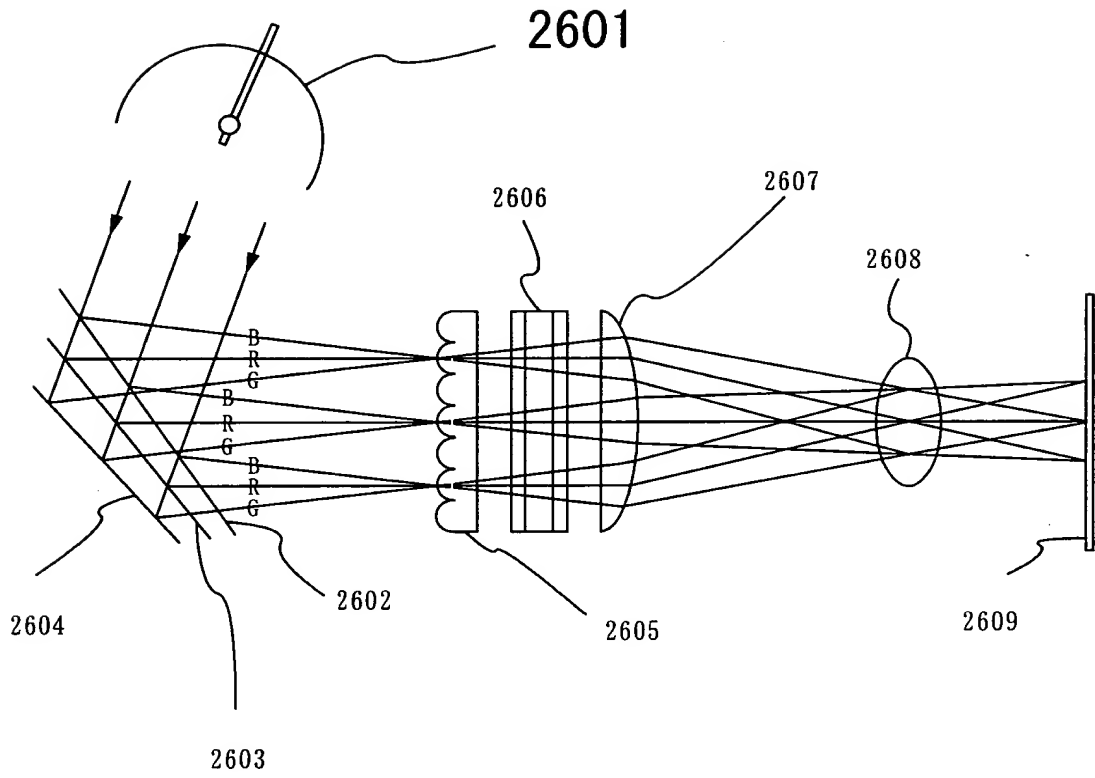


FIG. 26

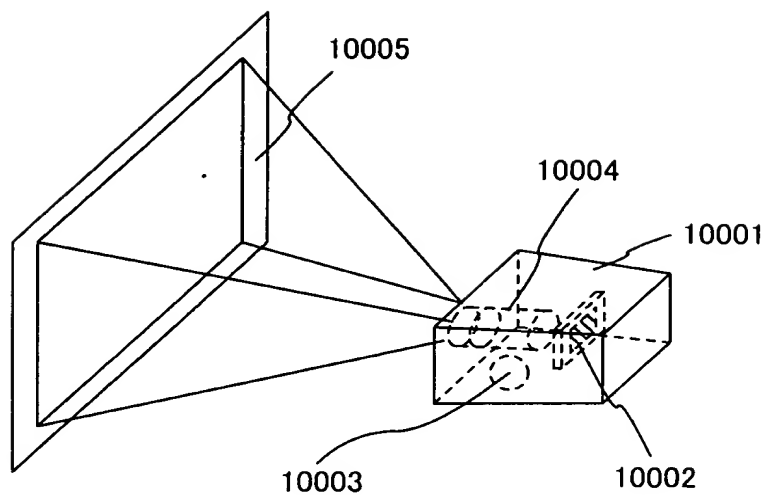


FIG. 27A

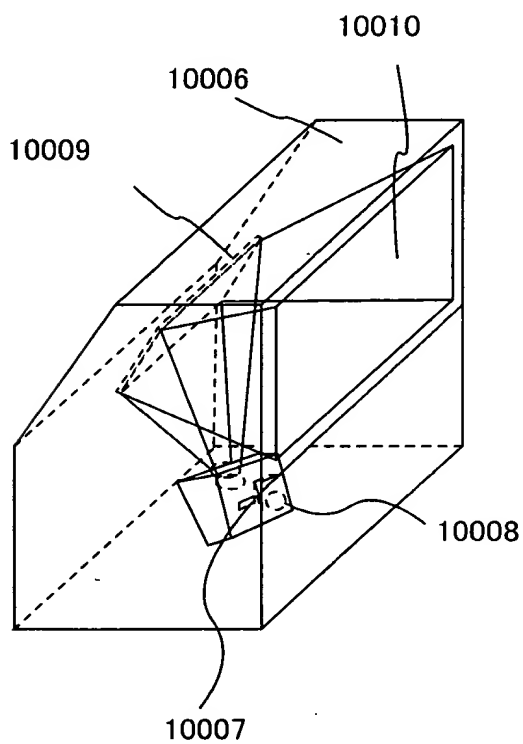


FIG. 27B

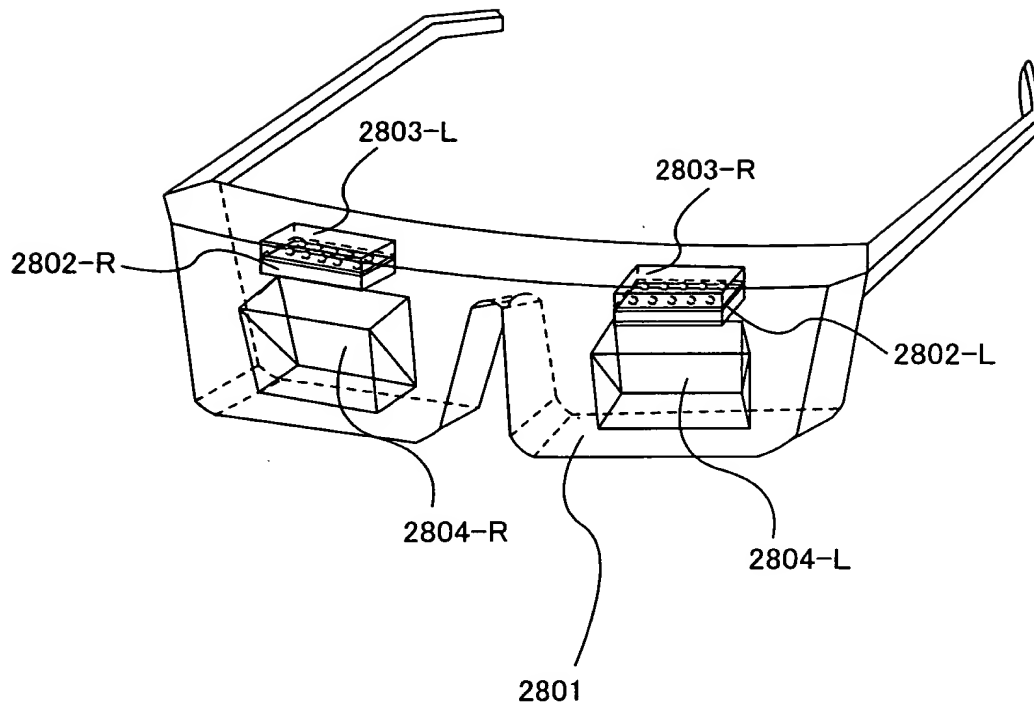


FIG. 28

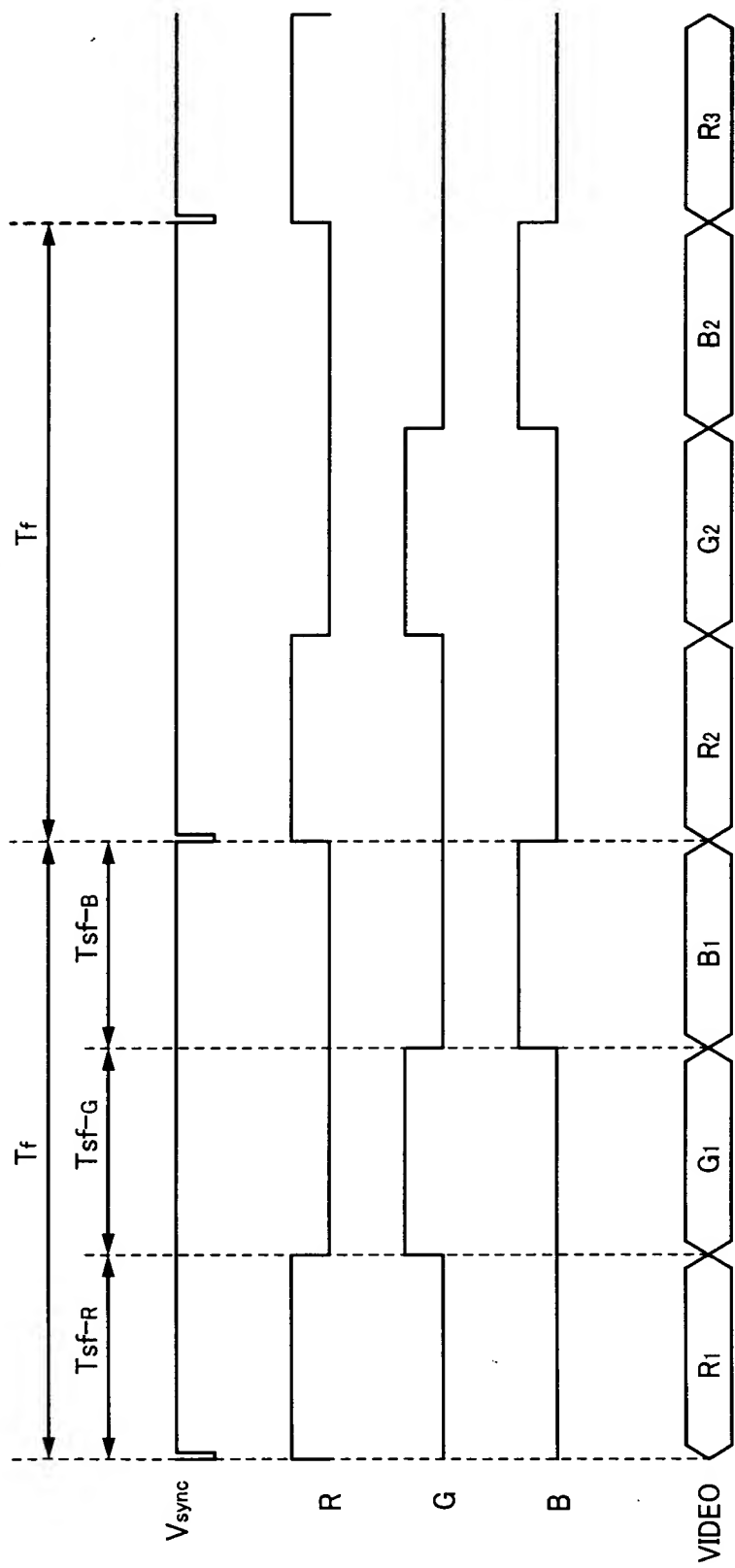
[illegible]

FIG. 29

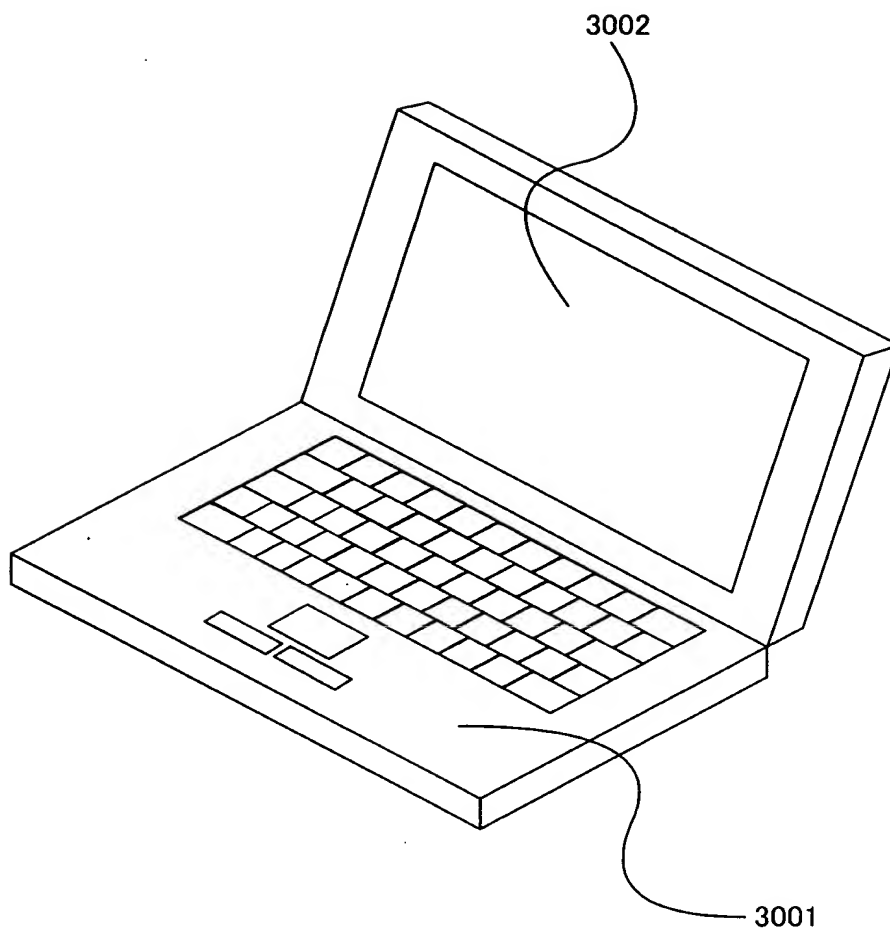


FIG. 30

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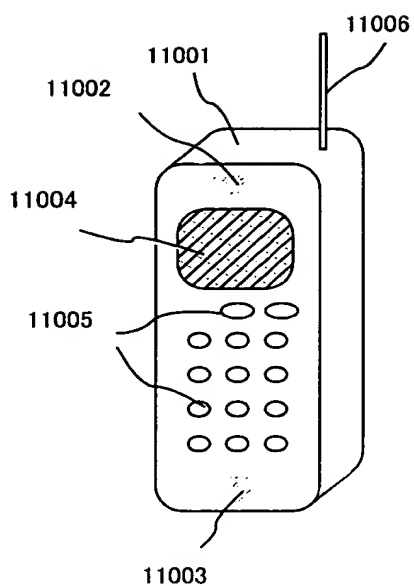


FIG. 31A

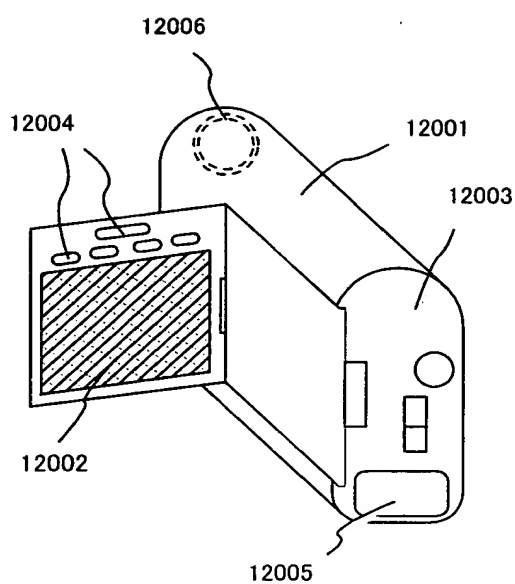


FIG. 31B

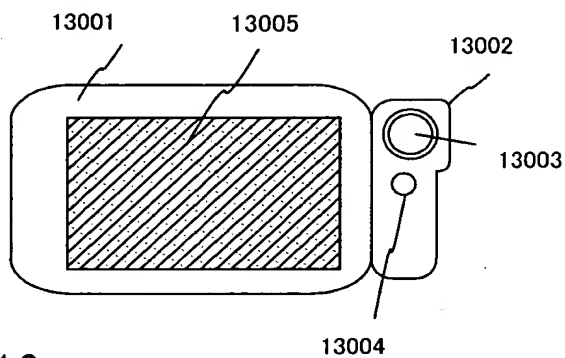


FIG. 31C

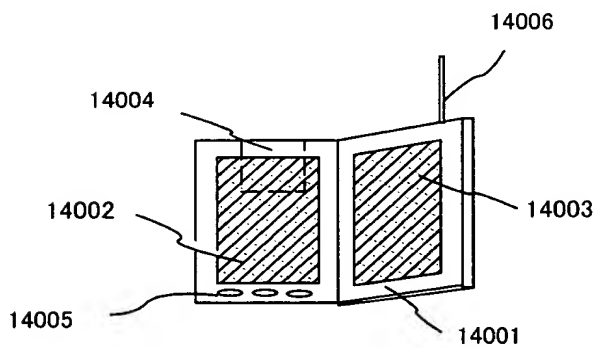


FIG. 31D

002220 52820560

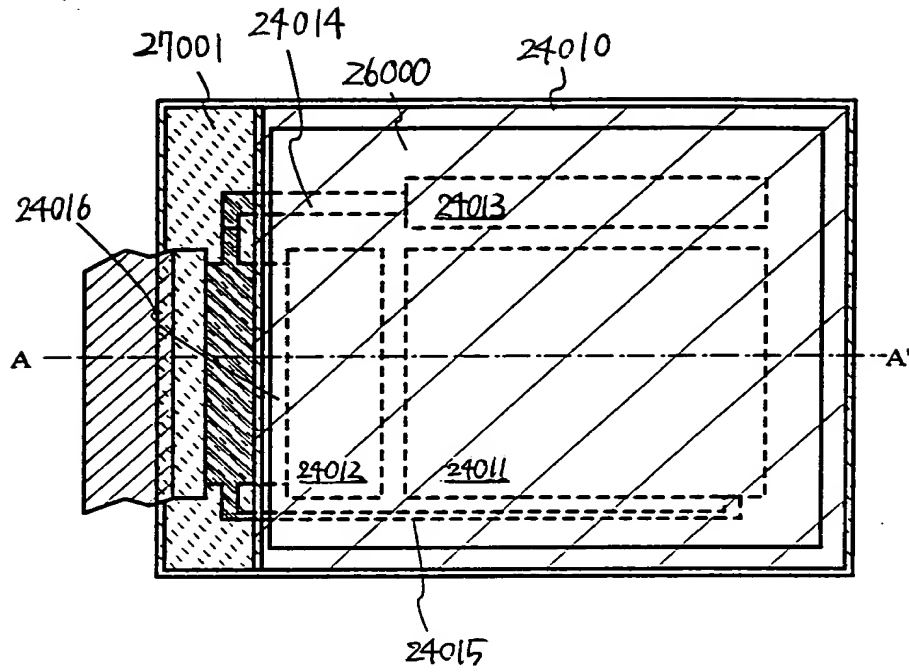


FIG. 32A

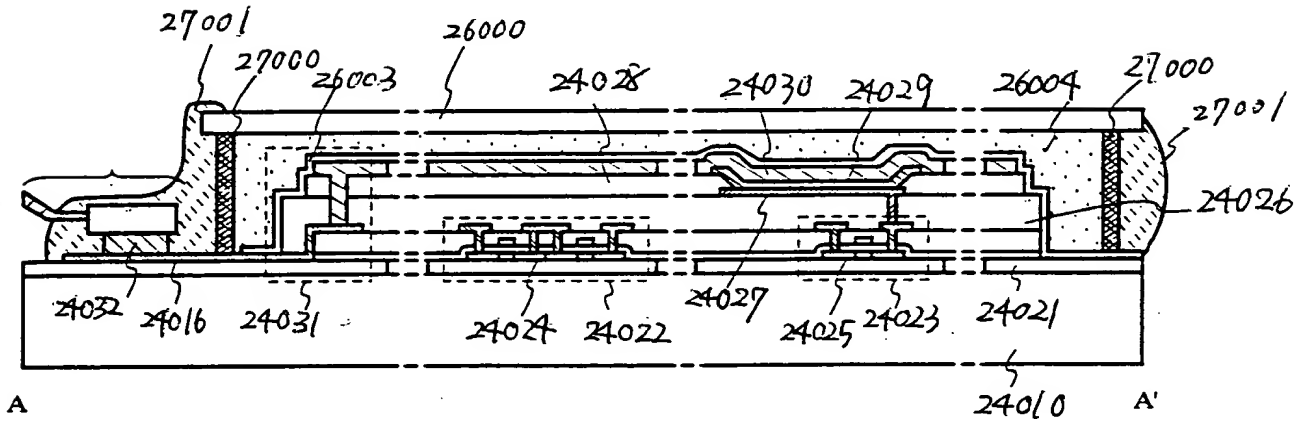


FIG. 32B



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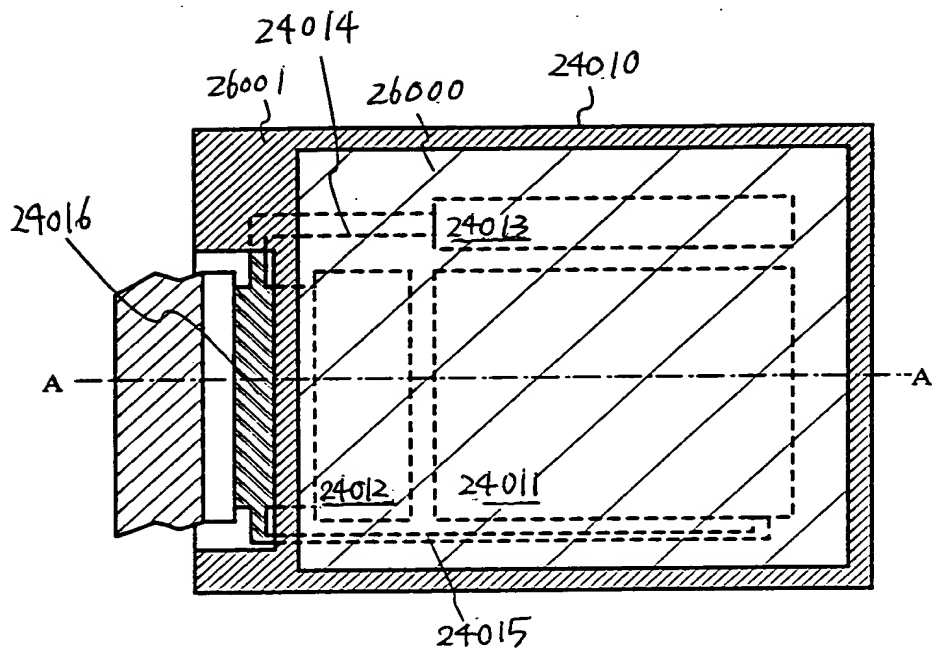


FIG. 33A

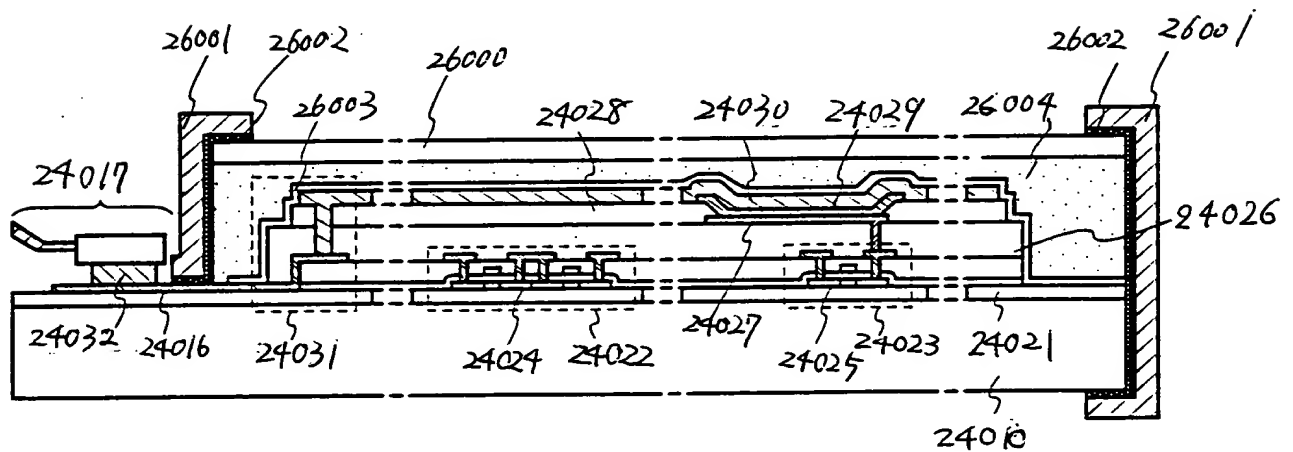


FIG. 33B

002220 52620560

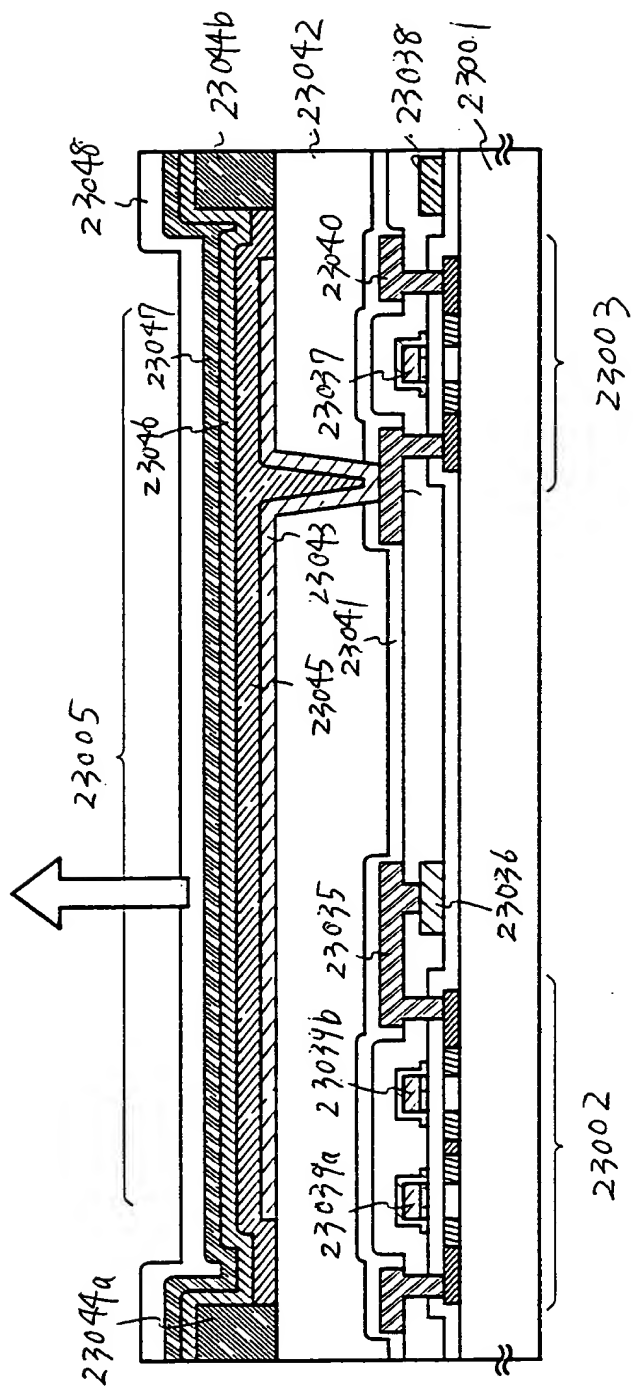


FIG. 34

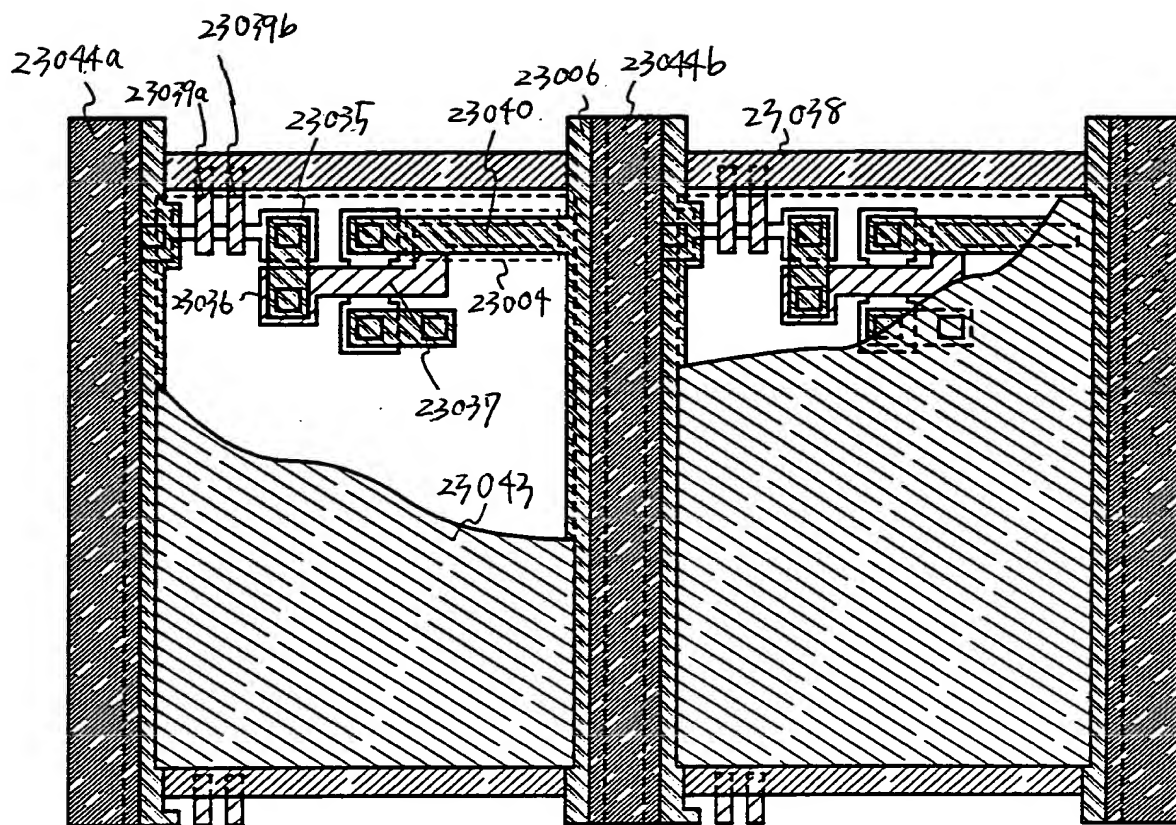


FIG. 35A

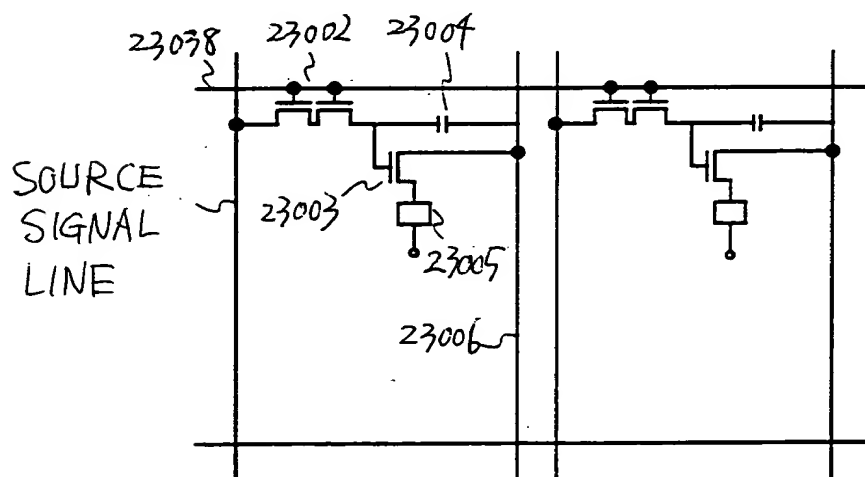


FIG. 35B

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002220\*52840560

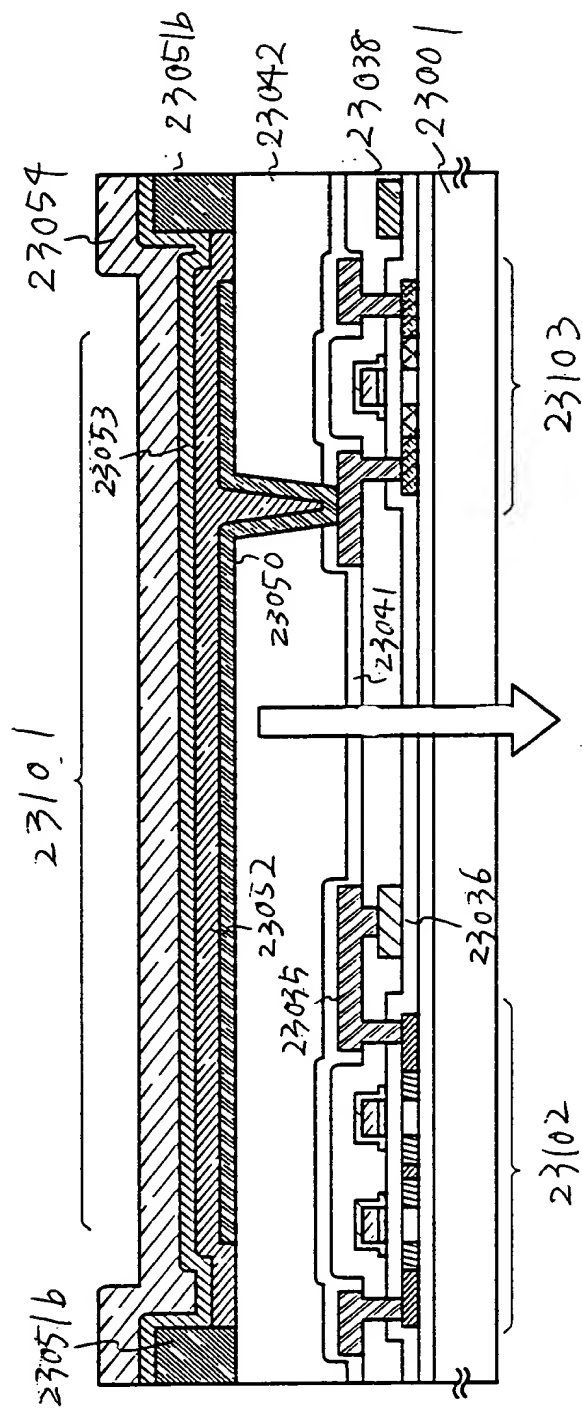


FIG. 36

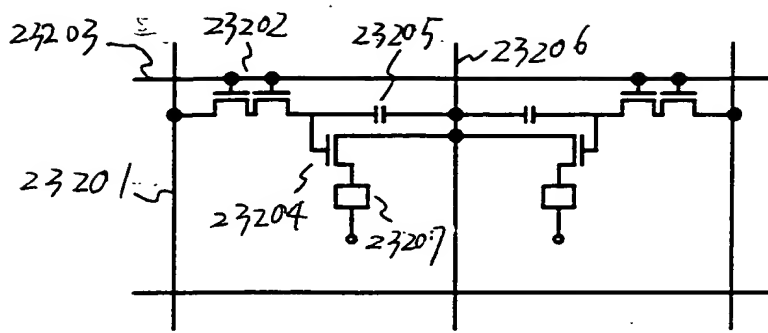


FIG. 37A

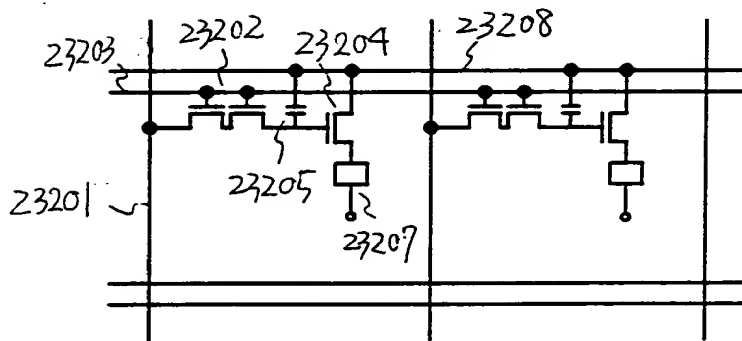


FIG. 37B

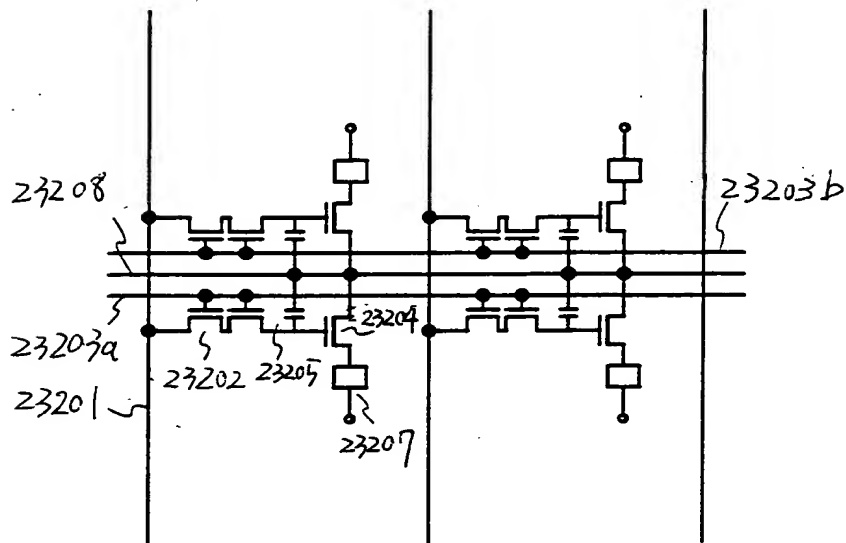


FIG. 37C

002220 53820500